

2023 Annual Report

June 2024

Prepared By

Missouri Department of Natural Resources Division of Environmental Quality Air Pollution Control Program

Reports and Data Required by Federal Rule

Reports below are in the order of federal regulation. Federal requirements are in bold type and the Missouri Department of Natural Resources' response follows each requirement. Responses that are data tables are found in the Attachments.

TITLE 40--PROTECTION OF ENVIRONMENT

CHAPTER I--ENVIRONMENTAL PROTECTION AGENCY

SUBCHAPTER C--AIR PROGRAMS

PART 51--REQUIREMENTS FOR PREPARATION, ADOPTION, AND SUBMITTAL OF IMPLEMENTATION PLANS

SUBPART S--INSPECTION/MAINTENANCE PROGRAM REQUIREMENTS

§ 51.366 Data analysis and reporting.

Data analysis and reporting are required to allow for monitoring and evaluation of the program by program management and the Environmental Protection Agency (EPA), and shall provide information regarding the types of program activities performed and their final outcomes, including summary statistics and effectiveness evaluations of the enforcement mechanism, the quality assurance system, the quality control program, and the testing element. Initial submission of the following annual reports shall commence within 18 months of initial implementation of the program as required by Sec. 51.373 of this subpart. The biennial report shall commence within 30 months of initial implementation of the program as required by Sec. 51.373 of this subpart.

(a) Test data report. The program shall submit to EPA by July of each year a report providing basic statistics on the testing program for January through December of the previous year, including:

(The following responses cover data gathered from January through December 2023. See Attachment 1 for a Summary of information from Attachments 2-16.) The attached addendum defines data analysis parameters.

- (1) The number of vehicles tested by model year and vehicle type; See Attachment 2 - (1) The number of vehicles tested by model year and vehicle type
- (2) By model year and vehicle type, the number and percentage of vehicles:
 - (i) Failing initially, per test type; See Attachment 3 – (2i) Vehicles Failing Initially

(ii) Failing the first retest per test type;

See Attachment 4 – (2ii) Vehicles Failing the First Retest

(iii) Passing the first retest per test type;

See Attachment 5 – (2iii) Vehicles Passing the First Retest

(iv) Initially failed vehicles passing the second or subsequent retest per test type;

See Attachment 6 – (2iv) Vehicles Passing the Second or Subsequent Retest

(v) Initially failed vehicles receiving a waiver; and

See Attachment 7 – (2v) Initially Failed Vehicles Receiving a Waiver

(vi) Vehicles with no known final outcome (regardless of reason).

See Attachment 8 – (2vi) Vehicles with No Known Final Outcome

(vii) - (x) [Reserved]

(xi) Passing the on-board diagnostic check;

See Attachment 9 – (2xi-xii) Vehicles Passing/Failing the On-Board Diagnostic Test

(xii) Failing the on-board diagnostic check;

See Attachment 9 – (2xi-xii) Vehicles Passing/Failing the On-Board Diagnostic Test

(xiii) Failing the on-board diagnostic check and passing the tailpipe test (if applicable); N/A

- (xiv) Failing the on-board diagnostic check and failing the tailpipe test (if applicable); N/A
- (xv) Passing the on-board diagnostic check and failing the I/M gas cap evaporative system test (if applicable); N/A
- (xvi) Failing the on-board diagnostic check and passing the I/M gas cap evaporative system test (if applicable); N/A
- (xvii) Passing both the on-board diagnostic check and I/M gas cap evaporative system test (if applicable); N/A
- (xviii) Failing both the on-board diagnostic check and I/M gas cap evaporative system test (if applicable); N/A

(xix) MIL is commanded on and no codes are stored;

See Attachment 10 – (2xix) MIL is Commanded On and No Codes Are Stored

(xx) MIL is not commanded on and codes are stored;

See Attachment 11 – (2xx) MIL is Not Commanded On and Codes Are Stored

(xxi) MIL is commanded on and codes are stored;

See Attachment 12 – (2xxi) MIL is Commanded On and Codes Are Stored

(xxii) MIL is not commanded on and codes are not stored;

See Attachment 13 – (2xxii) MIL is Not Commanded On and Codes Are Not Stored

(xxiii) Readiness status indicates that the evaluation is not complete for any module supported by on-board diagnostic systems;

See Attachment 14 – (2xxiii) Vehicles Failing the Readiness Status

(3) The initial test volume by model year and test station;

See Attachment 15 – (3) Initial Test Volume by Model Year and Test Station

(4) The initial test failure rate by model year and test station; and

See Attachment 16 – (4) Initial Test Failure Rate by Model Year and Test Station

(5) The average increase or decrease in tailpipe emission levels for HC, CO, and NO_x (if applicable) after repairs by model year and vehicle type for vehicles receiving a mass emissions test. N/A

(b) *Quality assurance report.* The program shall submit to EPA by July of each year a report providing basic statistics on the quality assurance program for January through December of the previous year, including:

(1) The number of inspection stations and lanes:

There was a total of 1,157 GVIP licensed stations with 1,367 analyzers operating at some point during 2023. This includes both public and private stations.

(i) Operating throughout the year; and

There were 654 GVIP licensed stations with 699 analyzers in operation for the entire year of 2023. This includes both public and private stations but does not include Worldwide Environmental Products, Inc. (WEP), Missouri State Highway Patrol (MSHP), or Missouri Department of Natural Resources (Department) stations/analyzers. These would account for an additional 21 stations and 21 analyzers.

(ii) Operating for only part of the year;

In addition to the stations noted above there were 503 GVIP licensed stations with 668 analyzers that operated less than 12 months out of the year.

(2) The number of inspection stations and lanes operating throughout the year:

(i) Receiving overt performance audits in the year;

5,441 overt audits of GVIP stations were performed in 2023. Of these, the department performed 554 (which included 279 analyzers) and the MSHP performed 4,887 (which included audits of all analyzers at the station). This indicates that every station and every analyzer operating for any period of time during the year received at least one overt performance audit.

(ii) Not receiving overt performance audits in the year;

All stations received at least one overt performance audit during this period; many received multiple audits.

(iii) Receiving covert performance audits in the year;

A total of 131 in-station covert audits of licensed stations were performed in 2023. The department performed 101 of these, and MSHP performed 30.

In addition to the above, the department conducted data investigations regarding various aspects of the GVIP, such as Vehicle Identification Number (VIN) mismatches, OBD "fingerprint" mismatches, multiple 'readiness monitor fails' on the same vehicle, and 'Repair Verification' action regarding problem waivers. In 2023, the department conducted 733 such audits. The station is unaware of this type of audit; therefore, we consider them covert performance audits as well.

Finally, the department conducts a 'repair audit' with each waiver application to ensure the repairs made are appropriate and well-documented. Again, as the station is unaware of these audits, we consider them an additional type of covert performance audit. The department conducted 217 repair audits on 149 stations in 2023.

(iv) Not receiving covert performance audits in the year; and

Through a combination of physical covert audits of the station and the abovementioned data audits conducted by the department and the MSHP, all stations under the GVIP received at least one covert performance audit in 2023.

(v) That have been shut down as a result of overt performance audits;

No inspection stations had licenses suspended or revoked as a result of overt performance audits by the MSHP.

(3) The number of covert audits:

The department conducted a total of 2,906 covert station and inspector audits in 2023. As noted in previous reports, the MSHP does not have a vehicle with "set to fail" capabilities.

(i) Conducted with the vehicle set to fail per test type;

Of the above number, 101 were physical (in person) audits. Each vehicle available to the department is set up with:

- 1) A Diagnostic Trouble Code (DTC) embedded in it by a technical service center. This ensures that every covert vehicle will fail, at a minimum, the OBD test for DTC reasons;
- 2) The ability for the department auditor to allow the Malfunction Indicator Lamp (MIL) to illuminate as it should or to be turned off;
- 3) The ability to disconnect the catalytic converter, causing it to fail the emissions equipment section of the safety inspection.

(ii) Conducted with the vehicle set to fail any combination of two or more test types;

The department performed 101 covert audits with the vehicle set to fail any combination of two or more test types in 2023.

• All 101 were set to fail OBD MIL, OBD DTC and Safety.

(iii) Resulting in a false pass per test type;

All covert audits in 2023 resulted in an overall failure for the vehicle's emissions inspection. However, no covert audits resulted in a false pass for the MIL Verification Test as a result of the Inspector/Mechanic passing this test although the MIL was mechanically set to not illuminate by the department auditor.

No false passes were recorded for OBD DTC or Readiness.

There were no false results for the vehicle's safety inspection.

(iv) Resulting in a false pass for any combination of two or more test types;

None of the covert audits for a vehicle set to fail resulted in a false pass in 2023. In addition, none had false passes for more than one test type.

(v) - (viii) [Reserved]

(4) The number of inspectors and stations:

(i) That were suspended, fired, or otherwise prohibited from testing as a result of covert audits;

No Inspector/Mechanic licenses were suspended or revoked as a result of covert audits by the MSHP.

(ii) That were suspended, fired, or otherwise prohibited from testing for other causes; and

Not all suspensions were the result of an audit conducted by the MSHP.

(iii) That received fines.

The department collected penalties on 3 stations in 2023.

(5) The number of inspectors licensed or certified to conduct testing;

There were approximately 4,029 Inspector/Mechanics licensed to conduct testing under the GVIP in 2023.

(6) The number of hearings:

- (i) Held to consider adverse actions against inspectors and stations; and The MSHP conducted no hearings with Inspector/Mechanics under the GVIP.
- (ii) Resulting in adverse actions against inspectors and stations;

There were 10 resulting enforcement actions, as no hearings were conducted by the MSHP.

(7) The total amount collected in fines from inspectors and stations by type of violation;

In September 2023, the department finalized a \$3,740 settlement with St. Charles Hyundai Station No. 092027, for failing to inspect a vehicle in as-is condition.

In September 2023, the department finalized a \$3,700 settlement with Clement Auto Care Station No. 096222, for allowing non-licensed mechanics to perform emission inspections.

In September 2023, the department finalized a \$10,000 settlement with RJ Towing Station No. 096077, for 18 documented clean scan violations.

(8) The total number of covert vehicles available for undercover audits over the year; and

There were 4 department owned vehicles and 2 MSHP vehicles used to perform covert audits during this reporting period.

(9) The number of covert auditors available for undercover audits.

During this reporting period, the department had 5 staff members available for covert audits. The MSHP had 8 staff available to perform covert audits.

(c) Quality control report. The program shall submit to EPA by July of each year a report providing basic statistics on the quality control program for January through December of the previous year, including:

(1) The number of emissions testing sites and lanes in use in the program;

In 2023, there were 1,157 GVIP licensed stations and 1,367 analyzers in operation at some point (as noted above, this excludes WEP, department, and MSHP stations and analyzers).

(2) The number of equipment audits by station and lane;

All overt audits conducted by the department and MSHP are also equipment audits. The department conducted 2 audits and the MSHP conducted 4,887 audits.

In addition, department auditors routinely audit software. They assist in development of acceptance test procedures and also participate in acceptance testing on all software versions released during the calendar year. They provide approval or request additional modifications as appropriate.

- (3) The number and percentage of stations that have failed equipment audits; and No stations failed inspections for equipment violations.
- (4) Number and percentage of stations and lanes shut down as a result of equipment audits.

No stations were locked down until the equipment was fixed as a result of equipment audits.

(d) Enforcement report.

- (1) All varieties of enforcement programs shall, at a minimum, submit to EPA by July of each year a report providing basic statistics on the enforcement program for January through December of the previous year, including:
 - (i) An estimate of the number of vehicles subject to the inspection program, including the results of an analysis of the registration database; According to the Missouri Department of Revenue's (DOR) vehicle registration database, 1,554,060 vehicles, passenger and truck, regardless of GVWR, were registered in St. Louis City, and the counties of Jefferson, St. Charles, and St. Louis in 2023.
 - (ii) The percentage of motorist compliance based upon a comparison of the number of valid final tests with the number of subject vehicles; For the reporting year, GVIP inspection stations performed 800,527 initial emission tests. These tests include vehicle transfers (used vehicles sold and required to be reinspected) and some federal, state, and local government fleet vehicles that are not on the registration database.

Assuming that roughly half of the 1,554,060 vehicles should be emission inspected during each year of the GVIP, then 777,030 vehicles should have received an emission test. However, a more accurate measure of compliance may be found in Attachment 8 (2vi-Vehicles with No Known Final Outcome), which indicates that 5,136 vehicles were initially tested but never passed an emissions inspection or received a waiver. When compared to the 800,527

initial inspections, this indicates a noncompliance rate of 0.6 percent and in turn a compliance rate of 99.4 percent.

An initial test is defined as the first successful test a vehicle receives in a test cycle. A test cycle is any event that would trigger a requirement for a vehicle to receive a test. A successful test is a test that did not fail because of readiness, connection, or communication reasons. A vehicle's test count is reset to 1 if the vehicle passes an emissions test 90-days since the previous test or a waiver is issued. With the above logic in mind, a vehicle may receive multiple initial tests within a calendar year. As 800,527 initial emission tests were recorded in 2023, and there were an estimated 777,030 vehicle registrations within the GVIP area, the compliance rate would exceed 100 percent. The poor correlation of the initial tests versus the vehicle registrations is likely due to vehicle transfers, vehicles purchased within the GVIP area and registered elsewhere in the state, and vehicles tested and not sold within the calendar year.

(iii) The total number of compliance documents issued to inspection stations;

All compliance documents are stored on the Missouri Decentralized Analyzer System (MDAS) unit in the inspection lane. Because of this feature, they are printed on an as-required basis so the number issued would correlate directly to the number of inspections performed or passed as appropriate.

(iv) The number of missing compliance documents;

As noted above, a complete set of compliance documents are stored on the MDAS unit in each lane and are available to be printed on an as-needed basis.

(v) The number of time extensions and other exemptions granted to motorists; and

Cost-based emissions waivers are available if a motorist has spent more than \$450 on emissions-related repairs and labor if a Missouri Recognized Repair Technician performs the repairs. If the vehicle owner performs the repairs, the owner must spend at least \$400 in qualified emissions-control parts, as determined by the EPA, toward the waiver amount. If vehicle owners are financially dependent solely on state and federal disability, benefits or other public assistance programs and anticipate failing the emissions test, they may receive a waiver if they spend at least \$200 on emissions-related repairs and labor. The department granted 217 cost-based waivers in 2023.

Out-of-area waivers are also available. If a vehicle is registered in the St. Louis ozone nonattainment area, but operating outside of that area for the following 24 consecutive months, owners may apply to the department for an out-of-area waiver. Examples include vehicles utilized by companies or organizations based in the GVIP area but operated outside of the St. Louis

area. Out-of-Area Waivers, valid for the period of registration, are given to motorists of such vehicles. The department granted 308 Out-of-area waivers in 2023.

Reciprocity waivers are also available. If a vehicle is in a state other than Missouri and that state conducts pass/fail OBD testing, the motorist may choose to have the vehicle emissions inspected in that state and submit a reciprocity waiver application to the department. The department also uses these as "Technical Waivers." The department granted 75 Reciprocity waivers in 2023.

Mileage-Based Exemptions are also available. There are 3 categories of motor vehicles eligible for mileage-based exemptions:

- 1) New motor vehicles, of model years of the current calendar year and within 2 years of the current calendar year that have an odometer reading of fewer than 6,000 miles at the time of original sale by a motor vehicle manufacturer or licensed motor vehicle dealer to the first user;
- 2) New motor vehicles that have not been previously titled and registered, for the 4-year period following their model year of manufacture, that have an odometer reading of fewer than 40,000 miles showing at the first required biennial safety inspection; and
- 3) Motor vehicles that are driven fewer than 12,000 miles between biennial safety inspections.

The department granted 2,266 mileage-based exemptions in 2023.

(vi) The number of compliance surveys conducted, number of vehicles surveyed in each, and the compliance rates found.

No parking lot surveys or other compliance checks were conducted during the reporting period.

(2) Registration denial based enforcement programs shall provide the following additional information:

(i) A report of the program's efforts and actions to prevent motorists from falsely registering vehicles out of the program area or falsely changing fuel type or weight class on the vehicle registration, and the results of special studies to investigate the frequency of such activity; and Real Time Inspection Data/Paperless Inspection Verification

Each lane is connected to the VID using a dedicated Internet connection at the inspection station. At the completion of each vehicle inspection, the lane software automatically uploads the inspection data to the VID, where it then becomes immediately available to the DOR contract license offices and online registration system for inspection verification. As a result of this real time paperless inspection verification system, GVIP has simplified registration verification and increased registration integrity for St. Louis area DOR contract license offices. Contract license offices now have the ability to quickly identify fraudulent vehicle inspection reports (VIRs) that motorists

attempt to use to bypass the vehicle inspection requirements. Contract license offices now contact the department as soon as such attempts have been made so that the department and MSHP can initiate immediate investigation of the source of these fraudulent VIRs.

In addition to the ability to use real time inspection data and paperless verification, the GVIP program utilizes the Sierra Look-Up Table data and POLK VIN Decode data to define the vehicle for the Inspector/Mechanic, including the GVWR and fuel type. The DOR also has a data sheet with information regarding manufacturer types and weight classifications based on VIN. WEP, the contractor, has developed a service that allows DOR to utilize National Highway Traffic Safety Administration (NHTSA) for VIN decoding as well.

(ii) The number of registration file audits, number of registrations reviewed, and compliance rates found in such audits.

No audits were conducted in 2023. The department is working with WEP to create quality assurance reports.

(3) Computer-matching based enforcement programs shall provide the following additional information:

The Gateway Vehicle Inspection Program is primarily enforced with a registration denial based program rather than a computer-matching system. However, we do have the ability to implement some computer-matching based measures as well. As noted in Section (b)(2)(iii), the department does conduct data investigation using various reporting tools, for example, reports which show VIN mismatches, OBD "fingerprint" mismatches, vehicles with multiple 'readiness monitor fails' and 'Repair Verification' action regarding problem waivers.

- (i) The number and percentage of subject vehicles that were tested by the initial deadline, and by other milestones in the cycle;
 No quality assurance audits were performed in 2023. These reports require coordination between the department, DOR, and WEP.
- (ii) A report on the program's efforts to detect and enforce against motorists falsely changing vehicle classifications to circumvent program requirements, and the frequency of this type of activity; and The system utilizes the NHTSA to decode the VIN and define the vehicle. Changes to GVWR or fuel type require station management approval.

In addition, the department and MSHP staff are able to compare vehicle information entered in the VIR to the Inspector/Mechanic's photographs of the vehicle's VIN, rear license plate and odometer attached to the electronic VIR. As noted above, the department and MSHP also frequently conduct data investigation using various reports including those which show VIN

mismatches and OBD "fingerprint" mismatches to identify and address attempts to circumvent program requirements.

(iii) The number of enforcement system audits, and the error rate found during those audits.

As stated above, no quality assurance audits were conducted in 2023.

(4) Sticker-based enforcement systems shall provide the following additional information:

The Gateway Vehicle Inspection Program is not enforced with a sticker-based system. Although a windshield sticker is issued to any vehicle that passes an emissions test or receives a waiver, the stickers are not currently used as an enforcement tool.

- (i) A report on the program's efforts to prevent, detect, and enforce against sticker theft and counterfeiting, and the frequency of this type of activity;
- (ii) A report on the program's efforts to detect and enforce against motorists falsely changing vehicle classifications to circumvent program requirements, and the frequency of this type of activity; and
- (iii) The number of parking lot sticker audits conducted, the number of vehicles surveyed in each, and the noncompliance rate found during those audits.
- (e) Additional reporting requirements. In addition to the annual reports in paragraphs (a) through (d) of this section, programs shall submit to EPA by July of every other year, biennial reports addressing:
 - (1) Any changes made in program design, funding, personnel levels, procedures, regulations, and legal authority, with detailed discussion of the impact on the program of all such changes:

The original contract with World Wide Environmental Products (WEP) was valid for four years and was extended in January 2021 for an additional two years. Most recently, the contract received an additional one-year extension to January 4, 2024. The State issued the request for proposal on May 5, 2023, which closed June 7, 2023. On November 13, 2023, the State awarded the contract to OPUS Inspection, Inc. for a period of four years, however, WEP protested the award on November 28, 2023. The current contract is extended to July 4, 2024. The department and MSHP are working with OA purchasing on a response to the protest.

- (2) Any weaknesses or problems identified in the program within the two-year reporting period, what steps have already been taken to correct those problems, the results of those steps, and any future efforts planned.
- (f) SIP requirements. The SIP shall describe the types of data to be collected

	Summa	ary Page		
	Tes	st Report Period	01/01/2023 - 12/31/2023	
(1) The number o	f vehicles teste	d by model year and vehi	cle type	
			Total Initial Tests	800527
(2) By model year and	vehicle type, th	he number and percentag	e of vehicles	
(2i) Vehicles Failing Initially		(2xi) Vehi	cles Passing the On-Board Diagnostics Test	
Total Initial Fails	15408		Total Vehicles Passed	795108
Percent of Total Initial Tests	1.92%		Percent of Total Initial Tests	99.32%
(2ii) Vehicles Failing the First Retest		(2xii) Vehi	icles Failing the On-Board Diagnostics Test	
Total First Retest Fails	627		Total Vehicle Fails (Including Waived)	5419
Percent of Total Initial Fails	4.07%		Percent of Total Initial Tests	0.68%
(2iii) Vehicles Passing the First Retest		(2xix) MIL On and No DTCs Stored	
Total First Retest Passed	9696		Total MIL On and No DTCs Stored	85
Percent of Total Initial Fails	62.93%		Percent of Total Initial Tests	0.01%
(2iv) Vehicles Passing the Second or Subsequent Rete	est		(2xx) MIL Off and DTCs Stored	
Total Second or Subsequent Retest Passed	293		Total MIL Off and DTCs Stored	41269
Percent of Total Initial Fails	1.90%		Percent of Total Initial Tests	5.16%
(2v) Initially Failed Vehicles Receiving a Waiver			(2xxi) MIL On and DTCs Stored	
Total Waivers Issued	283		Total MIL On and DTCs Stored	15065
Percent of Total Initial Fails	1.84%		Percent of Total Initial Tests	1.88%
(2vi) Vehicles with No Known Final Outcome		(2	2xxii) MIL Off and No DTCs Stored	
Vehicles Without a Waiver or Pass Following an Initial Fail	5136		Total MIL Off and No DTCs Stored	744107
Percent of Total Initial Fails	33.33%		Percent of Total Initial Tests	92.95%
			2xxiii) Vehicles Failing Readiness	
			Total Readiness Fails	42039
			Percent of Total Tests	4.93%

	(1) The	Number of Vehic	cles Tested by Mod	lel Year and Vehi	cle Type	
	Passen	ger Car	Tro	uck	То	tal
Model Year	Test Count	Waived	Test Count	Waived	Test Count	Waived
1996	508	0	291	0	799	0
1997	2874	1	1564	0	4438	1
1998	1140	1	536	0	1676	1
1999	5891	1	2234	1	8125	2
2000	2078	4	788	0	2866	4
2001	8546	16	3294	2	11840	18
2002	3418	1	921	0	4339	1
2003	14621	20	3922	2	18543	22
2004	5320	7	1238	0	6558	7
2005	21651	16	4412	5	26063	21
2006	7271	14	1153	0	8424	14
2007	31614	29	4599	3	36213	32
2008	9979	7	1154	0	11133	7
2009	29144	20	3208	2	32352	22
2010	10701	8	1137	2	11838	10
2011	43204	24	5464	1	48668	25
2012	15270	7	1291	0	16561	7
2013	65085	33	6194	4	71279	37
2014	18848	4	1920	1	20768	5
2015	78695	22	8235	4	86930	26
2016	21273	1	2408	0	23681	1
2017	86925	12	9642	3	96567	15
2018	22891	2	3083	0	25974	2
2019	80404	2	11679	0	92083	2
2020	32540	0	3457	0	35997	0
2021	64085	1	9138	0	73223	1
2022	14327	0	2042	0	16369	0
2023	6421	0	572	0	6993	0
2024	212	0	15	0	227	0
Total	704936	253	95591	30	800527	283

				(2i) Vehicles F	ailing Initially				
		Passenger Car			Truck			Total	
Model Year	Initial Tests	Initial Fails	% Initial Tests	Initial Tests	Initial Fails	% Initial Tests	Initial Tests	Initial Fails	% Initial Tests
1996	508	36	7%	291	33	11%	799	69	9%
1997	2874	135	5%	1564	137	9%	4438	272	6%
1998	1140	68	6%	536	41	8%	1676	109	7%
1999	5891	304	5%	2234	97	4%	8125	401	5%
2000	2078	132	6%	788	42	5%	2866	174	6%
2001	8546	549	6%	3294	201	6%	11840	750	6%
2002	3418	209	6%	921	56	6%	4339	265	6%
2003	14621	802	5%	3922	228	6%	18543	1030	6%
2004	5320	270	5%	1238	74	6%	6558	344	5%
2005	21651	1091	5%	4412	196	4%	26063	1287	5%
2006	7271	362	5%	1153	55	5%	8424	417	5%
2007	31614	1239	4%	4599	196	4%	36213	1435	4%
2008	9979	401	4%	1154	66	6%	11133	467	4%
2009	29144	912	3%	3208	94	3%	32352	1006	3%
2010	10701	342	3%	1137	33	3%	11838	375	3%
2011	43204	1168	3%	5464	148	3%	48668	1316	3%
2012	15270	393	3%	1291	32	2%	16561	425	3%
2013	65085	1227	2%	6194	146	2%	71279	1373	2%
2014	18848	383	2%	1920	42	2%	20768	425	2%
2015	78695	1120	1%	8235	115	1%	86930	1235	1%
2016	21273	305	1%	2408	27	1%	23681	332	1%
2017	86925	912	1%	9642	106	1%	96567	1018	1%
2018	22891	156	1%	3083	18	1%	25974	174	1%
2019	80404	358	0%	11679	63	1%	92083	421	0%
2020	32540	112	0%	3457	9	0%	35997	121	0%
2021	64085	118	0%	9138	20	0%	73223	138	0%
2022	14327	17	0%	2042	5	0%	16369	22	0%
2023	6421	6	0%	572	1	0%	6993	7	0%
2024	212	0	0%	15	0	0%	227	0	0%
Total	704936	13127	2%	95591	2281	2%	800527	15408	2%

				(2ii) Vehicles Fail	ing the First Retest	:			
		Passenger Car			Truck			Total	
Model Year	Initial Fails	1st Retest Failed	% Initial Fails	Initial Fails	1st Retest Failed	% Initial Fails	Initial Fails	1st Retest Failed	% Initial Fails
1996	36	2	6%	33	4	12%	69	6	9%
1997	135	3	2%	137	5	4%	272	8	3%
1998	68	2	3%	41	2	5%	109	4	4%
1999	304	21	7%	97	6	6%	401	27	7%
2000	132	10	8%	42	4	10%	174	14	8%
2001	549	32	6%	201	9	4%	750	41	5%
2002	209	9	4%	56	3	5%	265	12	5%
2003	802	19	2%	228	5	2%	1030	24	2%
2004	270	11	4%	74	2	3%	344	13	4%
2005	1091	43	4%	196	7	4%	1287	50	4%
2006	362	20	6%	55	5	9%	417	25	6%
2007	1239	67	5%	196	9	5%	1435	76	5%
2008	401	25	6%	66	5	8%	467	30	6%
2009	912	40	4%	94	3	3%	1006	43	4%
2010	342	14	4%	33	2	6%	375	16	4%
2011	1168	49	4%	148	8	5%	1316	57	4%
2012	393	12	3%	32	1	3%	425	13	3%
2013	1227	37	3%	146	9	6%	1373	46	3%
2014	383	15	4%	42	4	10%	425	19	4%
2015	1120	40	4%	115	8	7%	1235	48	4%
2016	305	4	1%	27	0	0%	332	4	1%
2017	912	22	2%	106	4	4%	1018	26	3%
2018	156	5	3%	18	0	0%	174	5	3%
2019	358	13	4%	63	0	0%	421	13	3%
2020	112	2	2%	9	0	0%	121	2	2%
2021	118	4	3%	20	0	0%	138	4	3%
2022	17	0	0%	5	0	0%	22	0	0%
2023	6	1	17%	1	0	0%	7	1	14%
2024	0	0	0%	0	0	0%	0	0	0%
Total	13127	522	4%	2281	105	5%	15408	627	4%

				(2iii) Vehicles Pas	sing the First Retest				
		Passenger Car			Truck			Total	
Model Year	Initial Fails	1st Retest Passed	% Initial Fails	Initial Fails	1st Retest Passed	% Initial Fails	Initial Fails	1st Retest Passed	% Initial Fails
1996	36	16	44%	33	17	52%	69	33	48%
1997	135	84	62%	137	87	64%	272	171	63%
1998	68	28	41%	41	19	46%	109	47	43%
1999	304	182	60%	97	58	60%	401	240	60%
2000	132	58	44%	42	19	45%	174	77	44%
2001	549	308	56%	201	127	63%	750	435	58%
2002	209	99	47%	56	24	43%	265	123	46%
2003	802	509	63%	228	168	74%	1030	677	66%
2004	270	135	50%	74	41	55%	344	176	51%
2005	1091	721	66%	196	124	63%	1287	845	66%
2006	362	181	50%	55	29	53%	417	210	50%
2007	1239	768	62%	196	122	62%	1435	890	62%
2008	401	191	48%	66	32	48%	467	223	48%
2009	912	565	62%	94	68	72%	1006	633	63%
2010	342	164	48%	33	23	70%	375	187	50%
2011	1168	749	64%	148	107	72%	1316	856	65%
2012	393	208	53%	32	17	53%	425	225	53%
2013	1227	853	70%	146	111	76%	1373	964	70%
2014	383	229	60%	42	22	52%	425	251	59%
2015	1120	768	69%	115	78	68%	1235	846	69%
2016	305	197	65%	27	17	63%	332	214	64%
2017	912	680	75%	106	79	75%	1018	759	75%
2018	156	91	58%	18	11	61%	174	102	59%
2019	358	264	74%	63	46	73%	421	310	74%
2020	112	80	71%	9	5	56%	121	85	70%
2021	118	80	68%	20	18	90%	138	98	71%
2022	17	12	71%	5	3	60%	22	15	68%
2023	6	4	67%	1	0	0%	7	4	57%
2024	0	0	0%	0	0	0%	0	0	0%
Total	13127	8224	63%	2281	1472	65%	15408	9696	63%

			(2iv) V	ehicles Passing	the Second or Subsequent Re	etest			
		Passenger Car			Truck			Total	
Model Year	Initial Fails	Passed After 1st Retest	% Initial Fails	Initial Fails	Passed After 1st Retest	% Initial Fails	Initial Fails	Passed After 1st Retest	% Initial Fails
1996	36	0	0%	33	2	6%	69	2	3%
1997	135	1	1%	137	4	3%	272	5	2%
1998	68	0	0%	41	0	0%	109	0	0%
1999	304	6	2%	97	2	2%	401	8	2%
2000	132	1	1%	42	0	0%	174	1	1%
2001	549	20	4%	201	4	2%	750	24	3%
2002	209	2	1%	56	0	0%	265	2	1%
2003	802	7	1%	228	1	0%	1030	8	1%
2004	270	4	1%	74	1	1%	344	5	1%
2005	1091	22	2%	196	2	1%	1287	24	2%
2006	362	8	2%	55	4	7%	417	12	3%
2007	1239	26	2%	196	4	2%	1435	30	2%
2008	401	11	3%	66	4	6%	467	15	3%
2009	912	19	2%	94	2	2%	1006	21	2%
2010	342	5	1%	33	0	0%	375	5	1%
2011	1168	28	2%	148	6	4%	1316	34	3%
2012	393	6	2%	32	1	3%	425	7	2%
2013	1227	19	2%	146	5	3%	1373	24	2%
2014	383	5	1%	42	0	0%	425	5	1%
2015	1120	25	2%	115	5	4%	1235	30	2%
2016	305	1	0%	27	0	0%	332	1	0%
2017	912	12	1%	106	1	1%	1018	13	1%
2018	156	3	2%	18	0	0%	174	3	2%
2019	358	8	2%	63	0	0%	421	8	2%
2020	112	2	2%	9	0	0%	121	2	2%
2021	118	3	3%	20	0	0%	138	3	2%
2022	17	0	0%	5	0	0%	22	0	0%
2023	6	1	17%	1	0	0%	7	1	14%
2024	0	0	0%	0	0	0%	0	0	0%
Total	13127	245	2%	2281	48	2%	15408	293	2%

			(2v) Ir	nitially Failed Veh	icles Receiving a \	Waiver			
		Passenger Car			Truck			Total	
Model Year	Initial Fails	Waivers	% Initial Fails	Initial Fails	Waivers	% Initial Fails	Initial Fails	Waivers	% Initial Fails
1996	36	0	0%	33	0	0%	69	0	0%
1997	135	1	1%	137	0	0%	272	1	0%
1998	68	1	1%	41	0	0%	109	1	1%
1999	304	1	0%	97	1	1%	401	2	0%
2000	132	4	3%	42	0	0%	174	4	2%
2001	549	16	3%	201	2	1%	750	18	2%
2002	209	1	0%	56	0	0%	265	1	0%
2003	802	20	2%	228	2	1%	1030	22	2%
2004	270	7	3%	74	0	0%	344	7	2%
2005	1091	16	1%	196	5	3%	1287	21	2%
2006	362	14	4%	55	0	0%	417	14	3%
2007	1239	29	2%	196	3	2%	1435	32	2%
2008	401	7	2%	66	0	0%	467	7	1%
2009	912	20	2%	94	2	2%	1006	22	2%
2010	342	8	2%	33	2	6%	375	10	3%
2011	1168	24	2%	148	1	1%	1316	25	2%
2012	393	7	2%	32	0	0%	425	7	2%
2013	1227	33	3%	146	4	3%	1373	37	3%
2014	383	4	1%	42	1	2%	425	5	1%
2015	1120	22	2%	115	4	3%	1235	26	2%
2016	305	1	0%	27	0	0%	332	1	0%
2017	912	12	1%	106	3	3%	1018	15	1%
2018	156	2	1%	18	0	0%	174	2	1%
2019	358	2	1%	63	0	0%	421	2	0%
2020	112	0	0%	9	0	0%	121	0	0%
2021	118	1	1%	20	0	0%	138	1	1%
2022	17	0	0%	5	0	0%	22	0	0%
2023	6	0	0%	1	0	0%	7	0	0%
2024	0	0	0%	0	0	0%	0	0	0%
Total	13127	253	2%	2281	30	1%	15408	283	2%

			(2vi)	Vehicles With No	Known Final Out	come			
		Passenger Car			Truck			Total	
Model Year	Initial Fails	Unknown	% Initial Fails	Initial Fails	Unknown	% Initial Fails	Initial Fails	Unknown	% Initial Fails
1996	36	20	56%	33	14	42%	69	34	49%
1997	135	49	36%	137	46	34%	272	95	35%
1998	68	39	57%	41	22	54%	109	61	56%
1999	304	115	38%	97	36	37%	401	151	38%
2000	132	69	52%	42	23	55%	174	92	53%
2001	549	205	37%	201	68	34%	750	273	36%
2002	209	107	51%	56	32	57%	265	139	52%
2003	802	266	33%	228	57	25%	1030	323	31%
2004	270	124	46%	74	32	43%	344	156	45%
2005	1091	332	30%	196	65	33%	1287	397	31%
2006	362	159	44%	55	22	40%	417	181	43%
2007	1239	416	34%	196	67	34%	1435	483	34%
2008	401	192	48%	66	30	45%	467	222	48%
2009	912	308	34%	94	22	23%	1006	330	33%
2010	342	165	48%	33	8	24%	375	173	46%
2011	1168	367	31%	148	34	23%	1316	401	30%
2012	393	172	44%	32	14	44%	425	186	44%
2013	1227	322	26%	146	26	18%	1373	348	25%
2014	383	145	38%	42	19	45%	425	164	39%
2015	1120	305	27%	115	28	24%	1235	333	27%
2016	305	106	35%	27	10	37%	332	116	35%
2017	912	208	23%	106	23	22%	1018	231	23%
2018	156	60	38%	18	7	39%	174	67	39%
2019	358	84	23%	63	17	27%	421	101	24%
2020	112	30	27%	9	4	44%	121	34	28%
2021	118	34	29%	20	2	10%	138	36	26%
2022	17	5	29%	5	2	40%	22	7	32%
2023	6	1	17%	1	1	100%	7	2	29%
2024	0	0	0%	0	0	0%	0	0	0%
Total	13127	4405	34%	2281	731	32%	15408	5136	33%

			D					Toronto.					7-1-1		
			Passenger Car					Truck					Total		
Model Year	Test Count	Passed	% Passed	Failed	% Failed	Test Count	Passed	% Passed	Failed	% Failed	Test Count	Passed	% Passed	Failed	% Faile
1996	508	488	96%	20	4%	291	277	95%	14	5%	799	765	96%	34	4%
1997	2874	2824	98%	50	2%	1564	1518	97%	46	3%	4438	4342	98%	96	2%
1998	1140	1100	96%	40	4%	536	514	96%	22	4%	1676	1614	96%	62	4%
1999	5891	5775	98%	116	2%	2234	2197	98%	37	2%	8125	7972	98%	153	2%
2000	2078	2005	96%	73	4%	788	765	97%	23	3%	2866	2770	97%	96	3%
2001	8546	8325	97%	221	3%	3294	3224	98%	70	2%	11840	11549	98%	291	2%
2002	3418	3310	97%	108	3%	921	889	97%	32	3%	4339	4199	97%	140	3%
2003	14621	14335	98%	286	2%	3922	3863	98%	59	2%	18543	18198	98%	345	2%
2004	5320	5189	98%	131	2%	1238	1206	97%	32	3%	6558	6395	98%	163	2%
2005	21651	21303	98%	348	2%	4412	4342	98%	70	2%	26063	25645	98%	418	2%
2006	7271	7098	98%	173	2%	1153	1131	98%	22	2%	8424	8229	98%	195	2%
2007	31614	31169	99%	445	1%	4599	4529	98%	70	2%	36213	35698	99%	515	1%
2008	9979	9780	98%	199	2%	1154	1124	97%	30	3%	11133	10904	98%	229	2%
2009	29144	28816	99%	328	1%	3208	3184	99%	24	1%	32352	32000	99%	352	1%
2010	10701	10528	98%	173	2%	1137	1127	99%	10	1%	11838	11655	98%	183	2%
2011	43204	42813	99%	391	1%	5464	5429	99%	35	1%	48668	48242	99%	426	1%
2012	15270	15091	99%	179	1%	1291	1277	99%	14	1%	16561	16368	99%	193	1%
2013	65085	64730	99%	355	1%	6194	6164	100%	30	0%	71279	70894	99%	385	1%
2014	18848	18699	99%	149	1%	1920	1900	99%	20	1%	20768	20599	99%	169	1%
2015	78695	78368	100%	327	0%	8235	8203	100%	32	0%	86930	86571	100%	359	0%
2016	21273	21166	99%	107	1%	2408	2398	100%	10	0%	23681	23564	100%	117	0%
2017	86925	86705	100%	220	0%	9642	9616	100%	26	0%	96567	96321	100%	246	0%
2018	22891	22829	100%	62	0%	3083	3076	100%	7	0%	25974	25905	100%	69	0%
2019	80404	80318	100%	86	0%	11679	11662	100%	17	0%	92083	91980	100%	103	0%
2020	32540	32510	100%	30	0%	3457	3453	100%	4	0%	35997	35963	100%	34	0%
2021	64085	64050	100%	35	0%	9138	9136	100%	2	0%	73223	73186	100%	37	0%
2022	14327	14322	100%	5	0%	2042	2040	100%	2	0%	16369	16362	100%	7	0%
2023	6421	6420	100%	1	0%	572	571	100%	1	0%	6993	6991	100%	2	0%
2024	212	212	100%	0	0%	15	15	100%	0	0%	227	227	100%	0	0%
Total	704936	700278	99%	4658	1%	95591	94830	99%	761	1%	800527	795108	99%	5419	1%

				(2xix) MIL is C	Commanded On and No Cod	es Are Stored			
		Passenger Car			Truck			Total	
Model Year	Test Count	MIL On & No Codes	% MIL On & No Codes	Test Count	MIL On & No Codes	% MIL On & No Codes	Test Count	MIL On & No Codes	% MIL On & No Code
1996	508	0	0%	291	0	0%	799	0	0%
1997	2874	1	0%	1564	1	0%	4438	2	0%
1998	1140	0	0%	536	0	0%	1676	0	0%
1999	5891	1	0%	2234	0	0%	8125	1	0%
2000	2078	0	0%	788	1	0%	2866	1	0%
2001	8546	1	0%	3294	0	0%	11840	1	0%
2002	3418	0	0%	921	0	0%	4339	0	0%
2003	14621	4	0%	3922	0	0%	18543	4	0%
2004	5320	0	0%	1238	0	0%	6558	0	0%
2005	21651	3	0%	4412	0	0%	26063	3	0%
2006	7271	2	0%	1153	0	0%	8424	2	0%
2007	31614	13	0%	4599	2	0%	36213	15	0%
2008	9979	7	0%	1154	2	0%	11133	9	0%
2009	29144	6	0%	3208	1	0%	32352	7	0%
2010	10701	0	0%	1137	0	0%	11838	0	0%
2011	43204	6	0%	5464	0	0%	48668	6	0%
2012	15270	4	0%	1291	0	0%	16561	4	0%
2013	65085	6	0%	6194	1	0%	71279	7	0%
2014	18848	3	0%	1920	1	0%	20768	4	0%
2015	78695	4	0%	8235	0	0%	86930	4	0%
2016	21273	0	0%	2408	0	0%	23681	0	0%
2017	86925	5	0%	9642	0	0%	96567	5	0%
2018	22891	1	0%	3083	0	0%	25974	1	0%
2019	80404	6	0%	11679	0	0%	92083	6	0%
2020	32540	0	0%	3457	0	0%	35997	0	0%
2021	64085	3	0%	9138	0	0%	73223	3	0%
2022	14327	0	0%	2042	0	0%	16369	0	0%
2023	6421	0	0%	572	0	0%	6993	0	0%
2024	212	0	0%	15	0	0%	227	0	0%
Total	704936	76	0%	95591	9	0%	800527	85	0%

				(2xx) MIL Is N	ot Commanded On and Cod	es Are Stored			
		Passenger Car			Truck			Total	
Model Year	Test Count	MIL Off & Stored Codes	% MIL Off & Stores Codes	Test Count	MIL Off & Stored Codes	% MIL Off & Stores Codes	Test Count	MIL Off & Stored Codes	% MIL Off & Stores Codes
1996	508	39	8%	291	33	11%	799	72	9%
1997	2874	252	9%	1564	148	9%	4438	400	9%
1998	1140	141	12%	536	74	14%	1676	215	13%
1999	5891	536	9%	2234	187	8%	8125	723	9%
2000	2078	190	9%	788	66	8%	2866	256	9%
2001	8546	793	9%	3294	270	8%	11840	1063	9%
2002	3418	314	9%	921	82	9%	4339	396	9%
2003	14621	1470	10%	3922	362	9%	18543	1832	10%
2004	5320	599	11%	1238	114	9%	6558	713	11%
2005	21651	2249	10%	4412	324	7%	26063	2573	10%
2006	7271	775	11%	1153	80	7%	8424	855	10%
2007	31614	2959	9%	4599	378	8%	36213	3337	9%
2008	9979	950	10%	1154	106	9%	11133	1056	9%
2009	29144	2217	8%	3208	295	9%	32352	2512	8%
2010	10701	873	8%	1137	104	9%	11838	977	8%
2011	43204	2896	7%	5464	330	6%	48668	3226	7%
2012	15270	1232	8%	1291	73	6%	16561	1305	8%
2013	65085	4086	6%	6194	471	8%	71279	4557	6%
2014	18848	1303	7%	1920	145	8%	20768	1448	7%
2015	78695	3441	4%	8235	362	4%	86930	3803	4%
2016	21273	1010	5%	2408	155	6%	23681	1165	5%
2017	86925	2825	3%	9642	389	4%	96567	3214	3%
2018	22891	810	4%	3083	148	5%	25974	958	4%
2019	80404	1406	2%	11679	783	7%	92083	2189	2%
2020	32540	630	2%	3457	261	8%	35997	891	2%
2021	64085	994	2%	9138	193	2%	73223	1187	2%
2022	14327	182	1%	2042	59	3%	16369	241	1%
2023	6421	91	1%	572	9	2%	6993	100	1%
2024	212	4	2%	15	1	7%	227	5	2%
Total	704936	35267	5%	95591	6002	6%	800527	41269	5%

				(2xxi) MIL is	Commanded On and Codes	Are Stored			
		Passenger Car			Truck			Total	
Model Year	Test Count	MIL On & Stored Codes	% MIL On & Stored Codes	Test Count	MIL On & Stored Codes	% MIL On & Stored Codes	Test Count	MIL On & Stored Codes	% MIL On & Stored Codes
1996	508	35	7%	291	30	10%	799	65	8%
1997	2874	130	5%	1564	130	8%	4438	260	6%
1998	1140	64	6%	536	39	7%	1676	103	6%
1999	5891	298	5%	2234	87	4%	8125	385	5%
2000	2078	127	6%	788	41	5%	2866	168	6%
2001	8546	531	6%	3294	196	6%	11840	727	6%
2002	3418	200	6%	921	55	6%	4339	255	6%
2003	14621	788	5%	3922	223	6%	18543	1011	5%
2004	5320	270	5%	1238	69	6%	6558	339	5%
2005	21651	1073	5%	4412	190	4%	26063	1263	5%
2006	7271	356	5%	1153	55	5%	8424	411	5%
2007	31614	1216	4%	4599	190	4%	36213	1406	4%
2008	9979	391	4%	1154	64	6%	11133	455	4%
2009	29144	896	3%	3208	91	3%	32352	987	3%
2010	10701	340	3%	1137	33	3%	11838	373	3%
2011	43204	1158	3%	5464	147	3%	48668	1305	3%
2012	15270	388	3%	1291	31	2%	16561	419	3%
2013	65085	1214	2%	6194	145	2%	71279	1359	2%
2014	18848	376	2%	1920	41	2%	20768	417	2%
2015	78695	1103	1%	8235	113	1%	86930	1216	1%
2016	21273	301	1%	2408	26	1%	23681	327	1%
2017	86925	885	1%	9642	103	1%	96567	988	1%
2018	22891	153	1%	3083	18	1%	25974	171	1%
2019	80404	340	0%	11679	59	1%	92083	399	0%
2020	32540	100	0%	3457	9	0%	35997	109	0%
2021	64085	103	0%	9138	17	0%	73223	120	0%
2022	14327	15	0%	2042	5	0%	16369	20	0%
2023	6421	6	0%	572	1	0%	6993	7	0%
2024	212	0	0%	15	0	0%	227	0	0%
Total	704936	12857	2%	95591	2208	2%	800527	15065	2%

			(2xxii) MIL is Not	Commanded On and Codes	Are Not Stored			
		Passenger Car			Truck			Total	
Model Year	Test Count	MIL Off & No Codes	% MIL Off & No Codes	Test Count	MIL Off & No Codes	% MIL Off & No Codes	Test Count	MIL Off & No Codes	% MIL Off & No Codes
1996	508	434	85%	291	228	78%	799	662	83%
1997	2874	2491	87%	1564	1285	82%	4438	3776	85%
1998	1140	935	82%	536	423	79%	1676	1358	81%
1999	5891	5056	86%	2234	1960	88%	8125	7016	86%
2000	2078	1761	85%	788	680	86%	2866	2441	85%
2001	8546	7221	84%	3294	2828	86%	11840	10049	85%
2002	3418	2904	85%	921	784	85%	4339	3688	85%
2003	14621	12359	85%	3922	3337	85%	18543	15696	85%
2004	5320	4451	84%	1238	1055	85%	6558	5506	84%
2005	21651	18326	85%	4412	3898	88%	26063	22224	85%
2006	7271	6138	84%	1153	1018	88%	8424	7156	85%
2007	31614	27426	87%	4599	4029	88%	36213	31455	87%
2008	9979	8631	86%	1154	982	85%	11133	9613	86%
2009	29144	26025	89%	3208	2821	88%	32352	28846	89%
2010	10701	9488	89%	1137	1000	88%	11838	10488	89%
2011	43204	39144	91%	5464	4987	91%	48668	44131	91%
2012	15270	13646	89%	1291	1187	92%	16561	14833	90%
2013	65085	59779	92%	6194	5577	90%	71279	65356	92%
2014	18848	17166	91%	1920	1733	90%	20768	18899	91%
2015	78695	74147	94%	8235	7760	94%	86930	81907	94%
2016	21273	19962	94%	2408	2227	92%	23681	22189	94%
2017	86925	83209	96%	9642	9150	95%	96567	92359	96%
2018	22891	21927	96%	3083	2917	95%	25974	24844	96%
2019	80404	78652	98%	11679	10837	93%	92083	89489	97%
2020	32540	31810	98%	3457	3187	92%	35997	34997	97%
2021	64085	62985	98%	9138	8928	98%	73223	71913	98%
2022	14327	14130	99%	2042	1978	97%	16369	16108	98%
2023	6421	6324	98%	572	562	98%	6993	6886	98%
2024	212	208	98%	15	14	93%	227	222	98%
Total	704936	656735	93%	95591	87372	91%	800527	744107	93%

					ng the Readiness St				
		Passenger Car			Truck	<u>'</u>		Total	
Model Year	Test Count	Test Failed	% Failed	Test Count	Test Failed	% Failed	Test Count	Test Failed	% Failed
1996	623	97	16%	386	72	19%	1009	169	17%
1997	3221	259	8%	1779	119	7%	5000	378	8%
1998	1329	159	12%	639	81	13%	1968	240	12%
1999	6599	495	8%	2514	213	8%	9113	708	8%
2000	2408	261	11%	909	98	11%	3317	359	11%
2001	10309	1401	14%	3929	494	13%	14238	1895	13%
2002	4240	712	17%	1172	223	19%	5412	935	17%
2003	16838	1680	10%	4526	430	10%	21364	2110	10%
2004	6317	846	13%	1504	221	15%	7821	1067	14%
2005	24658	2218	9%	5017	471	9%	29675	2689	9%
2006	8589	1104	13%	1401	210	15%	9990	1314	13%
2007	34856	2378	7%	5180	446	9%	40036	2824	7%
2008	11427	1218	11%	1374	176	13%	12801	1394	11%
2009	31533	1764	6%	3565	284	8%	35098	2048	6%
2010	11928	1044	9%	1323	161	12%	13251	1205	9%
2011	46364	2333	5%	5908	323	5%	52272	2656	5%
2012	16880	1382	8%	1438	128	9%	18318	1510	8%
2013	68577	2582	4%	6665	346	5%	75242	2928	4%
2014	20397	1288	6%	2136	190	9%	22533	1478	7%
2015	81914	2384	3%	8657	329	4%	90571	2713	3%
2016	22543	1067	5%	2580	155	6%	25123	1222	5%
2017	89653	2010	2%	10090	364	4%	99743	2374	2%
2018	24118	1128	5%	3282	188	6%	27400	1316	5%
2019	82619	1924	2%	12051	326	3%	94670	2250	2%
2020	34076	1452	4%	3683	221	6%	37759	1673	4%
2021	65580	1408	2%	9409	253	3%	74989	1661	2%
2022	14892	553	4%	2176	131	6%	17068	684	4%
2023	6634	207	3%	595	23	4%	7229	230	3%
2024	220	8	4%	16	1	6%	236	9	4%
Total	749342	35362	5%	103904	6677	6%	853246	42039	5%

		At	tachment	15 - (3-4) In	itial Test V	olume and	l Failure Ra	ite by Mod	el Year and	d Test Stati	on	
Model Year	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
iviouei reai	096814	096685	096142	115192	092041	096048	096545	092378	115455	050024P	050014	096330
1996	0/0%	1/0%	1/0%	0/0%	0/0%	0/0%	0/0%	1/0%	7 / 0%	0/0%	6/17%	0/0%
1997	1/0%	8/0%	0/0%	11 / 0%	10 / 0%	3/0%	2/0%	11/9%	19 / 0%	0/0%	38 / 3%	3/0%
1998	1/0%	1/0%	2/0%	6/0%	0/0%	3/0%	1/0%	2/0%	9/0%	0/0%	10 / 0%	0/0%
1999	3 / 33%	13 / 15%	7 / 0%	25 / 4%	27 / 11%	15 / 0%	5 / 20%	15 / 0%	22 / 5%	0/0%	73 / 1%	2 / 50%
2000	0/0%	3/0%	3/0%	9/11%	16 / 6%	0/0%	0/0%	10 / 0%	10 / 0%	0/0%	8/0%	2/0%
2001	8 / 12%	21 / 5%	8/0%	42 / 14%	39 / 8%	19 / 0%	6/0%	34 / 9%	35 / 0%	0/0%	89 / 3%	10 / 0%
2002	2/0%	15 / 7%	6/0%	29 / 10%	19 / 0%	5/0%	3/0%	8 / 12%	15 / 0%	1/0%	19 / 0%	1/0%
2003	6/0%	26 / 12%	17 / 0%	82 / 5%	60 / 3%	30 / 0%	10 / 20%	40 / 12%	68 / 0%	0/0%	125 / 3%	13 / 0%
2004	3/0%	8/12%	6/0%	38 / 3%	33 / 9%	9/0%	3/0%	21 / 10%	23 / 0%	0/0%	27 / 0%	3/0%
2005	12 / 8%	40 / 10%	23 / 0%	138 / 10%	98 / 6%	53 / 0%	18 / 11%	75 / 7%	63 / 0%	1/0%	162 / 3%	21 / 10%
2006	3 / 33%	11 / 9%	15 / 7%	55 / 4%	28 / 11%	11 / 0%	6/0%	15 / 7%	30 / 3%	2/0%	34 / 3%	5 / 20%
2007	23 / 9%	59 / 8%	55 / 0%	218 / 4%	133 / 5%	74 / 0%	26 / 0%	90 / 4%	93 / 0%	3/0%	169 / 4%	25 / 4%
2008	8 / 12%	14 / 7%	18 / 0%	80 / 4%	42 / 5%	22 / 0%	9/0%	24 / 12%	36 / 3%	4/0%	40 / 2%	1/0%
2009	10 / 0%	67 / 9%	43 / 0%	181 / 5%	127 / 3%	81 / 1%	20 / 0%	72 / 7%	85 / 0%	3/0%	137 / 7%	21 / 0%
2010	7 / 0%	11/0%	43 / 0%	104 / 6%	56 / 4%	25 / 0%	7 / 0%	28 / 11%	40 / 0%	12 / 0%	24 / 17%	4/0%
2011	20 / 0%	98 / 4%	70 / 0%	283 / 3%	204 / 3%	123 / 0%	29 / 0%	117 / 0%	114 / 0%	6/0%	197 / 3%	40 / 0%
2012	17 / 6%	18 / 11%	61 / 2%	166 / 3%	79 / 5%	46 / 0%	8/0%	32 / 0%	58 / 0%	18 / 0%	44 / 2%	10 / 0%
2013	38 / 0%	140 / 3%	157 / 1%	584 / 2%	359 / 4%	210 / 0%	60 / 3%	136 / 1%	116 / 0%	48 / 0%	239 / 1%	65 / 3%
2014	54 / 0%	32 / 3%	92 / 0%	209 / 2%	98 / 3%	80 / 0%	14 / 7%	23 / 4%	45 / 0%	55 / 0%	39 / 0%	10 / 0%
2015	101 / 1%	172 / 5%	294 / 0%	756 / 1%	427 / 3%	356 / 0%	80 / 5%	192 / 1%	109 / 0%	63 / 2%	303 / 1%	80 / 2%
2016	129 / 2%	36 / 0%	150 / 0%	251 / 1%	107 / 5%	126 / 0%	18 / 0%	34 / 0%	41 / 0%	77 / 0%	36 / 3%	15 / 7%
2017	234 / 0%	176 / 2%	356 / 1%	805 / 2%	511 / 1%	429 / 0%	92 / 0%	182 / 3%	73 / 0%	146 / 1%	242 / 2%	104 / 1%
2018	286 / 0%	36 / 0%	192 / 1%	238 / 0%	100 / 1%	160 / 0%	26 / 0%	28 / 0%	19 / 0%	216 / 0%	26 / 0%	14 / 0%
2019	370 / 0%	178 / 1%	388 / 0%	674 / 0%	376 / 0%	589 / 0%	70 / 1%	152 / 0%	42 / 0%	279 / 1%	193 / 1%	74 / 0%
2020	422 / 0%	29 / 0%	350 / 0%	186 / 1%	94 / 1%	523 / 0%	19 / 0%	31/0%	7 / 0%	408 / 1%	21/0%	17 / 0%
2021	701 / 0%	109 / 0%	364 / 0%	378 / 0%	235 / 0%	607 / 0%	54 / 0%	93 / 0%	36 / 0%	350 / 0%	124 / 0%	70 / 0%
2022	149 / 0%	17 / 0%	131 / 0%	41 / 0%	14 / 0%	182 / 1%	8/0%	2/0%	6/0%	205 / 0%	3/0%	8/0%
2023	25 / 0%	3/0%	138 / 0%	23 / 0%	4 / 0%	242 / 0%	1/0%	2/0%	0/0%	92 / 0%	3/0%	1/0%
2024	1/0%	0/0%	0/0%	1/0%	0/0%	51 / 0%	0/0%	1/0%	0/0%	3/0%	0/0%	0/0%
Total	2634 / 1%	1342 / 4%	2990 / 0%	5613 / 2%	3296 / 3%	4074 / 0%	595 / 2%	1471 / 3%	1221 / 0%	1992 / 1%	2431 / 2%	619 / 2%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	d Failure Ra	ate by Mod	lel Year an	d Test Stat	ion	
Model Veer	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	092149	096426	092042	096311P	096396	115406	296153	296267	096430P	092088	050124	096548
1996	0/0%	2/0%	3/0%	0/0%	1/0%	0/0%	2/0%	0/0%	0/0%	1/0%	8 / 12%	0/0%
1997	1/0%	2/0%	8/12%	0/0%	4/0%	2/0%	6/33%	4/0%	0/0%	4 / 0%	29 / 7%	7 / 0%
1998	1/0%	1/100%	1/0%	0/0%	1/0%	0/0%	2/0%	3/0%	0/0%	7 / 0%	17 / 6%	1/0%
1999	3 / 33%	2/0%	11/0%	0/0%	13 / 8%	4/0%	19 / 5%	17 / 0%	0/0%	9/0%	33 / 3%	13 / 0%
2000	1/0%	0/0%	4 / 25%	0/0%	1/0%	2/0%	2 / 50%	4/0%	1/0%	4 / 25%	19 / 0%	7 / 14%
2001	4/0%	1/0%	18 / 6%	0/0%	18 / 17%	5 / 40%	25 / 0%	15 / 13%	0/0%	13 / 8%	68 / 4%	21 / 14%
2002	1/0%	3/0%	4/0%	0/0%	6/0%	4/0%	7 / 14%	4 / 25%	1/0%	8 / 12%	30 / 10%	5 / 40%
2003	9/0%	5/0%	44 / 5%	0/0%	32 / 6%	12 / 0%	33 / 9%	56 / 7%	2/0%	35 / 0%	89 / 1%	32 / 9%
2004	7/0%	1/0%	11/0%	0/0%	12 / 0%	2/0%	11/9%	12 / 8%	0/0%	15 / 13%	38 / 5%	16 / 6%
2005	20 / 0%	8/12%	46 / 4%	0/0%	59 / 0%	23 / 4%	53 / 2%	92 / 10%	0/0%	52 / 6%	97 / 4%	64 / 11%
2006	5/0%	4/0%	11/0%	0/0%	20 / 0%	4 / 0%	16 / 6%	13 / 8%	1/0%	9/11%	28 / 0%	16 / 19%
2007	21 / 0%	7 / 0%	111 / 2%	0/0%	73 / 1%	29 / 3%	67 / 13%	118 / 5%	2/0%	57 / 9%	114 / 4%	91 / 3%
2008	9/11%	5/0%	31/3%	0/0%	24 / 0%	5/0%	22 / 0%	20 / 0%	4 / 0%	21 / 5%	33 / 3%	31 / 0%
2009	21/0%	15 / 0%	122 / 1%	0/0%	67 / 0%	24 / 0%	46 / 2%	96 / 1%	3/0%	50 / 6%	89 / 3%	102 / 5%
2010	7 / 0%	10 / 0%	30 / 0%	0/0%	53 / 2%	17 / 6%	16 / 12%	22 / 0%	9/0%	12 / 0%	36 / 3%	41 / 2%
2011	35 / 3%	20 / 0%	148 / 1%	0/0%	154 / 1%	37 / 5%	85 / 2%	170 / 4%	18 / 0%	95 / 4%	134 / 4%	171 / 3%
2012	13 / 0%	11 / 9%	72 / 1%	0/0%	105 / 1%	28 / 0%	24 / 4%	34 / 3%	30 / 0%	22 / 9%	41 / 5%	60 / 3%
2013	70 / 1%	26 / 0%	339 / 1%	0/0%	275 / 0%	71 / 1%	120 / 2%	250 / 2%	57 / 0%	112 / 4%	160 / 2%	280 / 4%
2014	28 / 0%	15 / 0%	87 / 1%	0/0%	208 / 0%	22 / 0%	19 / 5%	61/0%	61/0%	21/5%	40 / 8%	82 / 1%
2015	140 / 0%	43 / 2%	411 / 0%	2/0%	404 / 0%	83 / 2%	119 / 1%	302 / 1%	100 / 0%	131 / 3%	164 / 1%	353 / 2%
2016	44 / 0%	19 / 5%	177 / 1%	2/0%	300 / 0%	28 / 0%	26 / 4%	59 / 2%	120 / 0%	24 / 4%	45 / 7%	93 / 0%
2017	192 / 2%	52 / 2%	512 / 0%	4/0%	546 / 0%	99 / 2%	149 / 3%	287 / 1%	165 / 0%	118 / 2%	157 / 3%	349 / 2%
2018	79 / 0%	22 / 0%	173 / 1%	14 / 0%	268 / 0%	27 / 0%	22 / 0%	58 / 2%	221 / 0%	16 / 0%	28 / 0%	89 / 1%
2019	204 / 0%	43 / 0%	695 / 0%	34 / 3%	439 / 0%	74 / 0%	93 / 2%	281 / 0%	210 / 0%	96 / 2%	122 / 1%	356 / 1%
2020	72 / 3%	12 / 8%	345 / 0%	74 / 0%	225 / 0%	24 / 0%	23 / 0%	62 / 0%	316 / 0%	16 / 0%	20 / 0%	81 / 1%
2021	224 / 0%	29 / 0%	552 / 0%	249 / 0%	259 / 0%	50 / 0%	47 / 0%	187 / 1%	377 / 0%	73 / 0%	76 / 0%	234 / 0%
2022	50 / 2%	3/0%	140 / 0%	19 / 0%	135 / 0%	9/0%	6/0%	17 / 0%	334 / 0%	4/0%	7 / 0%	39 / 0%
2023	32 / 0%	2/0%	35 / 0%	0/0%	20 / 0%	1/0%	1/0%	6/0%	168 / 0%	1/0%	2/0%	13 / 0%
2024	3/0%	0/0%	2/0%	0/0%	1/0%	0/0%	0/0%	0/0%	3/0%	0/0%	0/0%	1/0%
Total	1296 / 1%	363 / 2%	4143 / 1%	398 / 0%	3723 / 0%	686 / 2%	1061 / 4%	2250 / 2%	2203 / 0%	1026 / 4%	1724 / 3%	2648 / 2%

		Att	achment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year an	d Test Stati	ion	
0.0 - -	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	096144	092067	096271	096121	115395	115163	115027	096703	096852	115554	096302	296055
1996	7 / 14%	0/0%	0/0%	0/0%	2/0%	0/0%	3/0%	1/0%	0/0%	1/0%	1/0%	3/0%
1997	32 / 9%	0/0%	2 / 50%	16 / 0%	6/0%	3/0%	12 / 0%	8 / 12%	4/0%	8 / 12%	0/0%	12 / 17%
1998	17 / 0%	1/0%	0/0%	3 / 33%	1/0%	0/0%	1/0%	2/0%	3/0%	2/0%	0/0%	4 / 50%
1999	62 / 10%	4/0%	5/0%	22 / 0%	18 / 6%	4 / 0%	18 / 0%	11 / 0%	13 / 0%	13 / 23%	3/0%	26 / 4%
2000	23 / 9%	0/0%	1/0%	6/0%	3 / 67%	1/0%	10 / 0%	8/0%	0/0%	2/0%	0/0%	9/0%
2001	72 / 7%	2/0%	3/0%	32 / 9%	32 / 12%	10 / 0%	33 / 3%	32 / 3%	13 / 0%	16 / 0%	2/0%	25 / 4%
2002	21 / 5%	2 / 50%	1/0%	15 / 13%	7/0%	6/0%	17 / 6%	7/0%	3/0%	1/0%	1/0%	9/0%
2003	111 / 5%	3/0%	4/0%	53 / 6%	62 / 5%	19 / 0%	41/0%	23 / 9%	18 / 22%	21 / 10%	8/0%	46 / 13%
2004	38 / 3%	3/0%	1/0%	9/0%	20 / 15%	5/0%	25 / 0%	8/0%	8/0%	6 / 17%	2/0%	12 / 8%
2005	162 / 6%	8/0%	6/0%	93 / 9%	93 / 4%	17 / 12%	61 / 2%	39 / 18%	29 / 10%	38 / 11%	8/0%	46 / 7%
2006	64 / 2%	5/0%	2/0%	10 / 20%	31 / 13%	10 / 20%	41 / 0%	11/9%	5/0%	2/0%	2/0%	13 / 0%
2007	246 / 4%	7/0%	5/0%	148 / 5%	152 / 6%	37 / 3%	103 / 0%	51 / 4%	72 / 0%	30 / 7%	16 / 0%	68 / 7%
2008	62 / 3%	6/0%	0 / 0%	27 / 4%	24 / 8%	6 / 17%	60 / 2%	7 / 14%	6/0%	7 / 29%	3/0%	23 / 13%
2009	234 / 4%	7 / 0%	4/0%	156 / 4%	121 / 4%	39 / 3%	86 / 0%	34 / 9%	38 / 3%	46 / 4%	3/0%	70 / 9%
2010	68 / 4%	4 / 0%	1/0%	27 / 0%	43 / 5%	11 / 0%	66 / 2%	6/0%	10 / 0%	16/0%	5/0%	19 / 16%
2011	320 / 2%	114 / 0%	7 / 0%	219 / 4%	185 / 1%	48 / 0%	110 / 0%	61/5%	83 / 0%	59 / 2%	9/0%	74 / 5%
2012	94 / 0%	237 / 0%	0/0%	54 / 2%	54 / 4%	15 / 0%	49 / 0%	15 / 0%	15 / 0%	18 / 6%	2/0%	23 / 4%
2013	501 / 3%	383 / 1%	7 / 0%	390 / 2%	325 / 2%	97 / 2%	106 / 0%	88 / 5%	119 / 3%	60 / 0%	23 / 0%	79 / 3%
2014	95 / 4%	471 / 0%	3/0%	48 / 0%	67 / 4%	40 / 2%	58 / 0%	12 / 0%	15 / 0%	15 / 0%	5/0%	21 / 0%
2015	590 / 1%	620 / 0%	12 / 0%	441 / 2%	360 / 2%	178 / 0%	112 / 1%	93 / 2%	155 / 1%	82 / 1%	20 / 0%	80 / 5%
2016	127 / 2%	667 / 0%	5/0%	65 / 3%	77 / 3%	57 / 0%	41/0%	15 / 7%	20 / 5%	17 / 6%	4 / 0%	9/0%
2017	645 / 2%	1045 / 0%	18 / 0%	513 / 1%	392 / 1%	224 / 2%	68 / 0%	81 / 2%	166 / 1%	71 / 1%	18 / 0%	86 / 1%
2018	103 / 0%	1116 / 0%	4 / 0%	62 / 3%	73 / 4%	115 / 0%	28 / 0%	24 / 0%	18 / 0%	10 / 0%	4/0%	10 / 0%
2019	548 / 1%	1424 / 0%	20 / 0%	412 / 1%	271 / 2%	333 / 0%	53 / 0%	88 / 1%	126 / 0%	70 / 0%	13 / 0%	57 / 4%
2020	131 / 2%	1315 / 0%	5/0%	45 / 4%	51 / 4%	214 / 0%	17 / 0%	8/0%	21 / 0%	8/0%	1/0%	8/0%
2021	367 / 0%	955 / 0%	7/0%	233 / 0%	181 / 1%	184 / 0%	32 / 0%	38 / 3%	87 / 1%	41 / 0%	17 / 0%	30 / 0%
2022	50 / 0%	723 / 0%	2/0%	24 / 0%	17 / 0%	58 / 0%	6/0%	4/0%	6/0%	9/0%	1/0%	5/0%
2023	15 / 0%	215 / 0%	0/0%	6/0%	6/0%	18 / 0%	1/0%	0/0%	3/0%	0/0%	1/0%	4/0%
2024	0/0%	3/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	4805 / 2%	9340 / 0%	125 / 1%	3129 / 2%	2674 / 3%	1749 / 1%	1258 / 0%	775 / 4%	1056 / 2%	669 / 3%	172 / 0%	871 / 5%

Model Vear			Att	tachment 1	15 - (3-4) In	itial Test V	olume and	l Failure Ra	ite by Mod	lel Year an	d Test Stat	ion	
1996 2 / 0% 0 / 0% 0 / 0% 0 / 0% 0 / 0% 0 / 0% 0 / 0% 1 / 0% 1 / 0% 2 / 0% 0 / 0% 1 / 0% 2 / 0% 0 / 0% 2 / 0% 0 / 0% 2 / 0% 5 / 0% 0 / 0% 2 / 0% 5 / 20% 1 / 100% 2 / 0% 5 / 20% 1 / 100% 2 / 0% 5 / 20% 1 / 100% 2 / 0% 5 / 20% 1 / 100% 2 / 0% 5 / 20% 1 / 100% 2 / 0% 5 / 20% 1 / 100% 2 / 0% 5 / 20% 1 / 100% 2 / 0% 5 / 20% 1 / 100% 2 / 0% 5 / 20% 1 / 10% 2 / 0% 1 / 10% 2 / 0% 4 / 0% 4 / 0% 4 / 0% 1 / 0% 3 / 0% 2 / 0% 4 /	Model Vear	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
1997 5/20% 0/0% 3/0% 7/14% 0/0% 6/0% 9/0% 5/0% 0/0% 20/0% 6/0% 5/00 1998 2/0% 0/0% 0/0% 0/0% 1/0% 2/0% 4/0% 4/0% 1/0% 1/0% 3/0% 2/0 1999 12/0% 2/0% 5/0% 18/6% 2/0% 10/0% 10/0% 6/0% 2/0% 20/10% 8/0% 4/0 2000 6/0% 0/0% 2/50% 3/33% 0/0% 0/0% 8/0% 11/0% 2/0% 10/20% 10/20% 1/0% 5/0 2001 26/12% 1/0% 14/14% 20/5% 1/0% 17/0% 22/5% 13/0% 3/0% 51/6% 13/15% 14/0 2002 6/0% 0/0% 5/0% 4/0% 0/0% 7/14% 11/0% 10/20% 2/0% 14/21% 5/0% 8/0% 2003 41/7% 4/0% 18/22% 19/21% 3/33% 31/0% 44/7% 18/0% 9/33% 72/4% 24/4% 27/4 2004 11/0% 0/0% 4/0% 7/0% 2/0% 8/0% 15/0% 9/11% 3/0% 20/10% 5/20% 7/0% 2005 72/4% 3/0% 25/12% 44/9% 5/0% 31/0% 50/6% 27/70% 5/0% 103/5% 42/7% 41/2 2006 16/6% 0/0% 5/20% 16/0% 3/0% 13/0% 18/11% 12/0% 0/0% 36/11% 8/0% 13/0 2007 88/7% 3/0% 25/20% 8/0% 15/0% 31/0% 18/11% 12/0% 0/0% 36/11% 8/0% 13/0 2008 18/17% 2/0% 8/0% 14/21% 5/20% 16/0% 21/5% 20/5% 112/2% 36/3% 86/0 2010 30/7% 4/25% 15/7% 14/0% 6/0% 19/0% 19/0% 23/4% 7/0% 32/9% 9/0% 43/0 2011 176/3% 4/0% 61/5% 71/1% 12/0% 120/0% 109/3% 29/0% 31/0% 202/3% 46/2% 130/0 2012 37/3% 5/0% 11/18% 23/13% 8/0% 55/4% 69/11% 15/7% 66/17% 44/2% 8/0% 71/0 2013 288/1% 5/20% 62/6% 121/1% 13/0% 220/0% 147/0% 42/0% 50/2% 294/2% 91/3% 249/0 2014 46/0% 11/9% 11/0% 40/5% 9/11% 78/0% 20/0% 31/0% 50/0% 36/0% 39/0% 31/0%	Wiodel Teal	096591	096184	096158	096042	050088	096956	050167	115444	092236	050032	096259	092052
1998	1996	2/0%	0/0%	0/0%	2/0%	0/0%	0/0%	1/0%	1/0%	2/0%	5 / 20%	1/100%	2/0%
1999	1997	5 / 20%	0/0%	3/0%	7 / 14%	0/0%	6/0%	9/0%	5/0%	0/0%	20 / 0%	6/0%	5/0%
2000 6/0% 0/0% 2/50% 3/33% 0/0% 0/0% 8/0% 11/0% 2/0% 10/20% 1/0% 5/0% 2001 26/12% 1/0% 14/14% 20/5% 1/0% 17/0% 22/5% 13/0% 3/0% 51/6% 13/15% 14/0 2002 6/0% 0/0% 5/0% 4/0% 0/0% 7/14% 11/0% 10/20% 2/0% 14/21% 5/0% 8/0 2003 41/7% 4/0% 18/22% 19/21% 3/33% 31/0% 44/7% 18/0% 9/33% 72/4% 24/4% 27/4 2004 11/0% 0/0% 4/0% 5/0% 11/0% 5/0% 10/5% 24/7% 42/74 2005 72/4% 3/0% 25/12% 44/9% 5/0% 31/0% 56/6% 27/0% 5/0% 10/5% 42/7% 41/2 2006 16/6% 0/0% 5/20% 16/0% 13/0% 18/11% 12/0% 0/0% 36/11%<	1998	2/0%	0/0%	0/0%	0/0%	1/0%	2/0%	4/0%	4/0%	1/0%	1/0%	3/0%	2/0%
2001 26/12% 1/0% 14/14% 20/5% 1/0% 17/0% 22/5% 13/0% 3/0% 51/6% 13/15% 14/0 2002 6/0% 0/0% 5/0% 4/0% 0/0% 7/14% 11/0% 10/20% 2/0% 14/21% 5/0% 8/0% 2003 41/7% 4/0% 18/22% 19/21% 3/33% 31/0% 44/7% 18/0% 9/33% 72/4% 24/4% 27/4 2004 11/0% 0/0% 4/0% 7/0% 2/0% 8/0% 15/0% 9/11% 3/0% 20/10% 5/20% 7/0 2005 72/4% 3/0% 25/12% 44/9% 5/0% 31/0% 50/6% 27/0% 5/0% 14/21% 42/7% 41/2 2006 16/6% 0/0% 5/20% 16/0% 31/3% 18/11% 12/0% 0/0% 36/11% 8/0% 13/6 2007 88/7% 3/0% 36/6% 51/2% 7/0% 52/0% 84/1	1999	12 / 0%	2/0%	5/0%	18 / 6%	2/0%	10 / 0%	10 / 0%	6/0%	2/0%	20 / 10%	8/0%	4/0%
2002 6 / 0% 0 / 0% 5 / 0% 4 / 0% 0 / 0% 7 / 14% 11 / 0% 10 / 20% 2 / 0% 14 / 21% 5 / 0% 8 / 0% 2003 41 / 7% 4 / 0% 18 / 22% 19 / 21% 3 / 33% 31 / 0% 44 / 7% 18 / 0% 9 / 33% 72 / 4% 24 / 4% 27 / 4 2004 11 / 0% 0 / 0% 4 / 0% 7 / 0% 2 / 0% 8 / 0% 15 / 0% 9 / 11% 3 / 0% 20 / 10% 5 / 20% 7 / 0% 2005 72 / 4% 3 / 0% 25 / 12% 44 / 9% 5 / 0% 31 / 0% 5 / 0% 5 / 0% 10 / 6% 4 / 12 2006 16 / 6% 0 / 0% 5 / 20% 16 / 0% 3 / 0% 18 / 11% 12 / 0% 5 / 0% 31 / 0% 18 / 11% 12 / 0% 36 / 11% 8 / 0% 13 / 0% 13 / 0% 18 / 11% 12 / 0% 5 / 0% 10 / 0% 21 / 5% 20 / 5% 7 / 3% 33 / 0% 4 / 2% 4 / 0% 4 / 0% 4 / 21% 5 / 20% 16 / 0% 21	2000	6/0%	0/0%	2 / 50%	3 / 33%	0/0%	0/0%	8/0%	11 / 0%	2/0%	10 / 20%	1/0%	5/0%
2003 41/7% 4/0% 18/22% 19/21% 3/33% 31/0% 44/7% 18/0% 9/33% 72/4% 24/4% 27/4 2004 11/0% 0/0% 4/0% 7/0% 2/0% 8/0% 15/0% 9/11% 3/0% 20/10% 5/20% 7/0% 2005 72/4% 3/0% 25/12% 44/9% 5/0% 31/0% 50/6% 27/0% 5/0% 103/5% 42/7% 41/2 2006 16/6% 0/0% 5/20% 16/0% 3/0% 36/6% 51/2% 7/0% 52/0% 84/1% 38/0% 15/7% 163/2% 49/8% 59/3 2007 88/7% 3/0% 36/6% 51/2% 7/0% 52/0% 84/1% 38/0% 15/7% 163/2% 49/8% 59/3 2008 18/17% 2/0% 8/0% 14/21% 5/20% 16/0% 21/5% 20/5% 7/43% 33/0% 60/6% 19/0% 19/0% 19/0% 20/5% 11/2/3	2001	26 / 12%	1/0%	14 / 14%	20 / 5%	1/0%	17 / 0%	22 / 5%	13 / 0%	3/0%	51 / 6%	13 / 15%	14 / 0%
2004 11/0% 0/0% 4/0% 7/0% 2/0% 8/0% 15/0% 9/11% 3/0% 20/10% 5/20% 7/00 2005 72/4% 3/0% 25/12% 44/9% 5/0% 31/0% 50/6% 27/0% 5/0% 103/5% 42/7% 41/2 2006 16/6% 0/0% 5/20% 16/0% 3/0% 13/0% 18/11% 12/0% 0/0% 36/11% 8/0% 13/0% 2007 88/7% 3/0% 36/6% 51/2% 7/0% 52/0% 84/1% 38/0% 15/7% 163/2% 49/8% 59/3 2008 18/17% 2/0% 8/0% 14/21% 5/20% 16/0% 21/5% 20/5% 7/43% 33/0% 6/0% 19/5 2009 107/6% 4/0% 48/4% 37/0% 3/0% 55/4% 69/1% 19/0% 20/5% 7/43% 33/0% 6/0% 11/5 201/5 7/0% 32/9% 9/0% 43/0 20/0	2002	6/0%	0/0%	5/0%	4/0%	0/0%	7 / 14%	11 / 0%	10 / 20%	2/0%	14 / 21%	5 / 0%	8/0%
2005 72 / 4% 3 / 0% 25 / 12% 44 / 9% 5 / 0% 31 / 0% 5 / 0% 5 / 0% 103 / 5% 42 / 7% 44 / 2 2006 16 / 6% 0 / 0% 5 / 20% 16 / 0% 3 / 0% 13 / 0% 18 / 11% 12 / 0% 0 / 0% 36 / 11% 8 / 0% 13 / 0% 13 / 0% 36 / 11% 8 / 0% 13 / 0% 13 / 0% 15 / 7% 163 / 2% 49 / 8% 59 / 3 2008 18 / 17% 2 / 0% 8 / 0% 14 / 21% 5 / 20% 16 / 0% 21 / 5% 20 / 5% 7 / 43% 33 / 0% 6 / 0% 19 / 5% 20 / 5% 7 / 43% 33 / 0% 6 / 0% 19 / 0% 20 / 5% 7 / 43% 33 / 0% 6 / 0% 19 / 0% 20 / 5% 7 / 43% 33 / 0% 6 / 0% 19 / 0% 20 / 5% 112 / 2% 36 / 3% 86 / 0% 20 / 0% 19 / 0% 20 / 5% 112 / 2% 36 / 3% 86 / 0% 20 / 0% 19 / 0% 20 / 5% 112 / 2% 36 / 3% 86 / 0% 20 / 0% 19 / 0%	2003	41 / 7%	4/0%	18 / 22%	19 / 21%	3 / 33%	31/0%	44 / 7%	18 / 0%	9 / 33%	72 / 4%	24 / 4%	27 / 4%
2006 16/6% 0/0% 5/20% 16/0% 3/0% 13/0% 18/11% 12/0% 0/0% 36/11% 8/0% 13/0% 2007 88/7% 3/0% 36/6% 51/2% 7/0% 52/0% 84/1% 38/0% 15/7% 163/2% 49/8% 59/3 2008 18/17% 2/0% 8/0% 14/21% 5/20% 16/0% 21/5% 20/5% 7/43% 33/0% 6/0% 19/5 2009 107/6% 4/0% 48/4% 37/0% 3/0% 55/4% 69/1% 19/0% 20/5% 112/2% 36/3% 86/0% 2010 30/7% 4/25% 15/7% 14/0% 6/0% 19/0% 19/0% 23/4% 7/0% 32/9% 9/0% 43/0 2011 176/3% 4/0% 61/5% 71/1% 12/0% 120/0% 109/3% 29/0% 31/0% 202/3% 46/2% 130/0 2012 37/3% 5/0% 11/18% 23/13% 8/0%	2004	11 / 0%	0/0%	4/0%	7/0%	2/0%	8/0%	15 / 0%	9/11%	3/0%	20 / 10%	5 / 20%	7/0%
2007 88/7% 3/0% 36/6% 51/2% 7/0% 52/0% 84/1% 38/0% 15/7% 163/2% 49/8% 59/3 2008 18/17% 2/0% 8/0% 14/21% 5/20% 16/0% 21/5% 20/5% 7/43% 33/0% 6/0% 19/5 2009 107/6% 4/0% 48/4% 37/0% 3/0% 55/4% 69/1% 19/0% 20/5% 112/2% 36/3% 86/0 2010 30/7% 4/25% 15/7% 14/0% 6/0% 19/0% 19/0% 23/4% 7/0% 32/9% 9/0% 43/0 2011 176/3% 4/0% 61/5% 71/1% 12/0% 120/0% 109/3% 29/0% 31/0% 202/3% 46/2% 130/0 2012 37/3% 5/0% 11/18% 23/13% 8/0% 51/0% 24/0% 15/7% 6/17% 44/2% 8/0% 71/0 2013 288/1% 5/20% 62/6% 121/1% 13/0%	2005	72 / 4%	3/0%	25 / 12%	44 / 9%	5/0%	31/0%	50 / 6%	27 / 0%	5/0%	103 / 5%	42 / 7%	41 / 2%
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2011 176/3% 4/0% 61/5% 71/1% 12/0% 120/0% 109/3% 29/0% 31/0% 202/3% 46/2% 130/0 2012 37/3% 5/0% 11/18% 23/13% 8/0% 51/0% 24/0% 15/7% 6/17% 44/2% 8/0% 71/0 2013 288/1% 5/20% 62/6% 121/1% 13/0% 220/0% 147/0% 42/0% 50/2% 294/2% 91/3% 249/0 2014 46/0% 11/9% 11/0% 40/5% 9/11% 78/0% 20/0% 17/0% 11/0% 45/2% 14/7% 91/2 2015 316/2% 18/0% 98/3% 169/1% 17/0% 323/1% 171/2% 40/0% 40/5% 396/3% 89/0% 287/0 2016 53/2% 17/0% 15/0% 27/0% 15/0% 134/0% 32/3% 15/0% 19/0% 51/2% 21/0% 33/2 2017 394/0% 28/0% 73/3% 162/1%	2009	107 / 6%	4/0%	48 / 4%	37 / 0%	3/0%	55 / 4%	69 / 1%	19 / 0%	20 / 5%	112 / 2%	36 / 3%	86 / 0%
2012 37/3% 5/0% 11/18% 23/13% 8/0% 51/0% 24/0% 15/7% 6/17% 44/2% 8/0% 71/0 2013 288/1% 5/20% 62/6% 121/1% 13/0% 220/0% 147/0% 42/0% 50/2% 294/2% 91/3% 249/0 2014 46/0% 11/9% 11/0% 40/5% 9/11% 78/0% 20/0% 17/0% 11/0% 45/2% 14/7% 91/2 2015 316/2% 18/0% 98/3% 169/1% 17/0% 323/1% 171/2% 40/0% 40/5% 396/3% 89/0% 287/0 2016 53/2% 17/0% 15/0% 27/0% 15/0% 134/0% 32/3% 15/0% 19/0% 51/2% 21/0% 133/3 2017 394/0% 28/0% 73/3% 162/1% 27/0% 448/0% 195/0% 26/0% 57/0% 439/2% 89/0% 376/0 2018 58/0% 106/1% 19/0% 51/0%	2010	30 / 7%	4 / 25%	15 / 7%	14 / 0%	6/0%	19 / 0%	19 / 0%	23 / 4%	7 / 0%	32 / 9%	9/0%	43 / 0%
2013 288/1% 5/20% 62/6% 121/1% 13/0% 220/0% 147/0% 42/0% 50/2% 294/2% 91/3% 249/0 2014 46/0% 11/9% 11/0% 40/5% 9/11% 78/0% 20/0% 17/0% 11/0% 45/2% 14/7% 91/2 2015 316/2% 18/0% 98/3% 169/1% 17/0% 323/1% 171/2% 40/0% 40/5% 396/3% 89/0% 287/0 2016 53/2% 17/0% 15/0% 27/0% 15/0% 134/0% 32/3% 15/0% 19/0% 51/2% 21/0% 133/3 2017 394/0% 28/0% 73/3% 162/1% 27/0% 448/0% 195/0% 26/0% 57/0% 439/2% 89/0% 376/0 2018 58/0% 106/1% 19/0% 51/0% 6/0% 182/0% 33/0% 9/0% 20/0% 51/2% 9/0% 19/0% 2019 372/0% 252/1% 54/4% 134/1%	2011	176 / 3%	4/0%	61/5%	71 / 1%	12 / 0%	120 / 0%	109 / 3%	29 / 0%	31/0%	202 / 3%	46 / 2%	130 / 0%
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2015 316/2% 18/0% 98/3% 169/1% 17/0% 323/1% 171/2% 40/0% 40/5% 396/3% 89/0% 287/0 2016 53/2% 17/0% 15/0% 27/0% 15/0% 134/0% 32/3% 15/0% 19/0% 51/2% 21/0% 133/3 2017 394/0% 28/0% 73/3% 162/1% 27/0% 448/0% 195/0% 26/0% 57/0% 439/2% 89/0% 376/0 2018 58/0% 106/1% 19/0% 51/0% 6/0% 182/0% 33/0% 9/0% 20/0% 51/2% 9/0% 194/0 2019 372/0% 252/1% 54/4% 134/1% 31/0% 612/0% 159/1% 7/0% 60/0% 360/0% 67/0% 542/2 2020 62/0% 512/0% 9/0% 35/0% 9/0% 277/0% 29/0% 3/0% 50/0% 48/0% 11/9% 259/0 2021 215/0% 781/0% 37/0% 73/3% 21/0% 684/0% 115/0% 6/0% 43/0% 217/0% 46/0%	2013	288 / 1%	5 / 20%	62 / 6%	121 / 1%	13 / 0%	220 / 0%	147 / 0%	42 / 0%	50 / 2%	294 / 2%	91 / 3%	249 / 0%
2016 53/2% 17/0% 15/0% 27/0% 15/0% 134/0% 32/3% 15/0% 19/0% 51/2% 21/0% 133/2 2017 394/0% 28/0% 73/3% 162/1% 27/0% 448/0% 195/0% 26/0% 57/0% 439/2% 89/0% 376/0 2018 58/0% 106/1% 19/0% 51/0% 6/0% 182/0% 33/0% 9/0% 20/0% 51/2% 9/0% 194/0 2019 372/0% 252/1% 54/4% 134/1% 31/0% 612/0% 159/1% 7/0% 60/0% 360/0% 67/0% 542/3 2020 62/0% 512/0% 9/0% 35/0% 9/0% 277/0% 29/0% 3/0% 50/0% 48/0% 11/9% 259/0 2021 215/0% 781/0% 37/0% 73/3% 21/0% 684/0% 115/0% 6/0% 43/0% 217/0% 46/0% 424/0 2022 21/0% 241/0% 4/0% 5/0%	2014	46 / 0%	11 / 9%	11 / 0%	40 / 5%	9/11%	78 / 0%	20 / 0%	17 / 0%	11 / 0%	45 / 2%	14 / 7%	91 / 2%
2017 394/0% 28/0% 73/3% 162/1% 27/0% 448/0% 195/0% 26/0% 57/0% 439/2% 89/0% 376/0 2018 58/0% 106/1% 19/0% 51/0% 6/0% 182/0% 33/0% 9/0% 20/0% 51/2% 9/0% 194/0 2019 372/0% 252/1% 54/4% 134/1% 31/0% 612/0% 159/1% 7/0% 60/0% 360/0% 67/0% 542/2 2020 62/0% 512/0% 9/0% 35/0% 9/0% 277/0% 29/0% 3/0% 50/0% 48/0% 11/9% 259/0 2021 215/0% 781/0% 37/0% 73/3% 21/0% 684/0% 115/0% 6/0% 43/0% 217/0% 46/0% 424/0 2022 21/0% 241/0% 4/0% 5/0% 1/0% 172/0% 6/0% 1/0% 5/0% 15/0% 9/0% 118/0 2023 8/0% 12/0% 1/0% 3/0% 0/0	2015	316 / 2%	18 / 0%	98 / 3%	169 / 1%	17 / 0%	323 / 1%	171 / 2%	40 / 0%	40 / 5%	396 / 3%	89 / 0%	287 / 0%
2018 58/0% 106/1% 19/0% 51/0% 6/0% 182/0% 33/0% 9/0% 20/0% 51/2% 9/0% 194/0 2019 372/0% 252/1% 54/4% 134/1% 31/0% 612/0% 159/1% 7/0% 60/0% 360/0% 67/0% 542/2 2020 62/0% 512/0% 9/0% 35/0% 9/0% 277/0% 29/0% 3/0% 50/0% 48/0% 11/9% 259/0 2021 215/0% 781/0% 37/0% 73/3% 21/0% 684/0% 115/0% 6/0% 43/0% 217/0% 46/0% 424/0 2022 21/0% 241/0% 4/0% 5/0% 1/0% 172/0% 6/0% 1/0% 5/0% 15/0% 9/0% 118/0 2023 8/0% 12/0% 1/0% 3/0% 0/0% 1/2/1% 3/0% 0/0% 0/0% 5/0% 12/0% 25/0 2024 0/0% 0/0% 0/0% 0/0% 0/0%	2016	53 / 2%	17 / 0%	15 / 0%	27 / 0%	15 / 0%	134 / 0%	32 / 3%	15 / 0%	19 / 0%	51 / 2%	21/0%	133 / 2%
2019 372/0% 252/1% 54/4% 134/1% 31/0% 612/0% 159/1% 7/0% 60/0% 360/0% 67/0% 542/2 2020 62/0% 512/0% 9/0% 35/0% 9/0% 277/0% 29/0% 3/0% 50/0% 48/0% 11/9% 259/0% 2021 215/0% 781/0% 37/0% 73/3% 21/0% 684/0% 115/0% 6/0% 43/0% 217/0% 46/0% 424/0% 2022 21/0% 241/0% 4/0% 5/0% 1/0% 172/0% 6/0% 1/0% 5/0% 15/0% 9/0% 118/0 2023 8/0% 12/0% 1/0% 3/0% 0/0% 1/2/1% 3/0% 0/0% 0/0% 5/0% 12/0% 25/0 2024 0/0% 0/0% 0/0% 0/0% 5/0% 0/0% 0/0% 0/0% 0/0% 0/0% 1/0% 1/0% 1/0% 0/0%	2017	394 / 0%	28 / 0%	73 / 3%	162 / 1%	27 / 0%	448 / 0%	195 / 0%	26 / 0%	57 / 0%	439 / 2%	89 / 0%	376 / 0%
2019 372 / 0% 252 / 1% 54 / 4% 134 / 1% 31 / 0% 612 / 0% 159 / 1% 7 / 0% 60 / 0% 360 / 0% 67 / 0% 542 / 2 2020 62 / 0% 512 / 0% 9 / 0% 35 / 0% 9 / 0% 277 / 0% 29 / 0% 3 / 0% 50 / 0% 48 / 0% 11 / 9% 259 / 0% 2021 215 / 0% 781 / 0% 37 / 0% 73 / 3% 21 / 0% 684 / 0% 115 / 0% 6 / 0% 43 / 0% 217 / 0% 46 / 0% 424 / 0% 2022 21 / 0% 241 / 0% 4 / 0% 5 / 0% 1 / 0% 172 / 0% 6 / 0% 1 / 0% 5 / 0% 15 / 0% 9 / 0% 118 / 0% 2023 8 / 0% 12 / 0% 1 / 0% 3 / 0% 0 / 0% 1 / 2 / 1% 3 / 0% 0 / 0% 0 / 0% 5 / 0% 1 / 0% 1 / 0% 25 / 0% 2024 0 / 0% 0 / 0% 0 / 0% 0 / 0% 5 / 0% 0 / 0% 0 / 0% 0 / 0% 1 / 0% 1 / 0% 1 / 0% 1 / 0% 1 / 0% 1 / 0% 1 / 0% 1 / 0% 1 / 0% 1 / 0% 1	2018	58 / 0%	106 / 1%	19 / 0%	51/0%	6/0%	182 / 0%	33 / 0%	9/0%	20 / 0%	51 / 2%	9/0%	194 / 0%
2020 62 / 0% 512 / 0% 9 / 0% 35 / 0% 9 / 0% 277 / 0% 29 / 0% 3 / 0% 50 / 0% 48 / 0% 11 / 9% 259 / 0% 2021 215 / 0% 781 / 0% 37 / 0% 73 / 3% 21 / 0% 684 / 0% 115 / 0% 6 / 0% 43 / 0% 217 / 0% 46 / 0% 424 / 0% 2022 21 / 0% 241 / 0% 4 / 0% 5 / 0% 1 / 0% 172 / 0% 6 / 0% 1 / 0% 5 / 0% 15 / 0% 9 / 0% 118 / 0% 2023 8 / 0% 12 / 0% 1 / 0% 3 / 0% 0 / 0% 12 / 1% 3 / 0% 0 / 0% 0 / 0% 5 / 0% 12 / 0% 25 / 0% 2024 0 / 0%	2019	372 / 0%	252 / 1%	54 / 4%	134 / 1%	31/0%	612 / 0%	159 / 1%	7 / 0%	60 / 0%	360 / 0%	67 / 0%	542 / 1%
2021 215/0% 781/0% 37/0% 73/3% 21/0% 684/0% 115/0% 6/0% 43/0% 217/0% 46/0% 424/0 2022 21/0% 241/0% 4/0% 5/0% 1/0% 172/0% 6/0% 1/0% 5/0% 15/0% 9/0% 118/0 2023 8/0% 12/0% 1/0% 3/0% 0/0% 112/1% 3/0% 0/0% 0/0% 5/0% 12/0% 25/0 2024 0/0% 0/0% 0/0% 0/0% 0/0% 0/0% 0/0% 0/0% 0/0% 1/0% 1/0% 0/0%	2020								3/0%			11/9%	259 / 0%
2022 21/0% 241/0% 4/0% 5/0% 1/0% 172/0% 6/0% 1/0% 5/0% 15/0% 9/0% 118/0 2023 8/0% 12/0% 1/0% 3/0% 0/0% 112/1% 3/0% 0/0% 0/0% 5/0% 12/0% 25/0 2024 0/0% 0/0% 0/0% 0/0% 0/0% 0/0% 0/0% 0/0% 1/0% 1/0% 0/0%	2021							_	_		_		424 / 0%
2023 8 / 0% 12 / 0% 1 / 0% 3 / 0% 0 / 0% 112 / 1% 3 / 0% 0 / 0% 0 / 0% 0 / 0% 5 / 0% 12 / 0% 25 / 0% 2024 0 / 0% 0 / 0% 0 / 0% 0 / 0% 0 / 0% 0 / 0% 0 / 0% 0 / 0% 0 / 0% 0 / 0% 0 / 0% 0 / 0%	2022	_				_	_	6/0%	_		_	_	118 / 0%
2024 0/0% 0/0% 0/0% 0/0% 0/0% 5/0% 0/0% 0/0%	2023	8/0%	12 / 0%	1/0%	3/0%	0/0%	112 / 1%	3/0%	0/0%	0/0%	5/0%	12 / 0%	25 / 0%
	2024								0/0%	_			0/0%
Total 2488 / 2% 2015 / 0% 643 / 5% 1170 / 3% 207 / 1% 3685 / 0% 1428 / 1% 426 / 1% 470 / 3% 2860 / 2% 729 / 3% 3234 /	Total	2488 / 2%	2015 / 0%	643 / 5%	1170 / 3%	207 / 1%	3685 / 0%	1428 / 1%	426 / 1%	470 / 3%	2860 / 2%	729 / 3%	3234 / 0%

		Att	tachment 1	5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year an	d Test Stat	ion	
0.0 - -	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	096141	115242	096474	096786	092190	092140	096086	096459	050245	096222	096112	092150
1996	0/0%	3/0%	1/0%	1/0%	4/0%	4 / 50%	1/0%	2 / 50%	0/0%	1/0%	4/0%	0/0%
1997	3/0%	4/0%	11 / 18%	6 / 33%	14 / 7%	4/0%	13 / 15%	4/0%	3 / 33%	0/0%	14 / 0%	9 / 22%
1998	2/0%	5/0%	6/0%	2/0%	2/0%	3 / 33%	7 / 0%	0/0%	0/0%	1/0%	4/0%	2/0%
1999	4 / 50%	9/0%	18 / 0%	14 / 7%	20 / 5%	13 / 15%	24 / 4%	7 / 14%	7 / 0%	4/0%	26 / 4%	19 / 0%
2000	2/0%	10 / 20%	6/0%	2/0%	2/0%	3/0%	4/0%	5/0%	3/0%	1/0%	2/0%	10 / 0%
2001	8/0%	19 / 5%	35 / 6%	21 / 14%	27 / 4%	23 / 13%	50 / 4%	26 / 0%	3/0%	2/0%	48 / 8%	46 / 2%
2002	2/0%	9/11%	7 / 0%	7 / 0%	4/0%	3/0%	7 / 0%	6/0%	5/0%	3/0%	9/0%	11 / 0%
2003	13 / 8%	19 / 16%	47 / 9%	44 / 5%	51 / 2%	30 / 3%	67 / 6%	40 / 0%	11/0%	8/0%	81 / 7%	57 / 9%
2004	11 / 0%	11 / 0%	18 / 6%	8 / 25%	7 / 14%	9/11%	9/0%	16 / 0%	8/0%	1/0%	18 / 0%	11 / 0%
2005	18 / 6%	36 / 19%	67 / 4%	52 / 2%	45 / 2%	61 / 8%	73 / 5%	65 / 3%	19 / 5%	8/0%	100 / 8%	77 / 3%
2006	8 / 12%	16 / 6%	14 / 21%	10 / 0%	13 / 8%	8 / 12%	11 / 9%	16 / 6%	11 / 9%	9/0%	22 / 5%	10 / 10%
2007	34 / 6%	45 / 4%	116 / 3%	70 / 9%	58 / 5%	79 / 6%	106 / 3%	132 / 1%	17 / 6%	5/0%	102 / 3%	110 / 3%
2008	8/0%	16 / 6%	22 / 5%	11 / 0%	11 / 9%	9/0%	19 / 0%	33 / 0%	3/0%	7 / 14%	28 / 4%	15 / 7%
2009	35 / 9%	48 / 6%	100 / 6%	57 / 2%	59 / 3%	60 / 7%	61 / 2%	138 / 0%	27 / 0%	12 / 0%	105 / 5%	98 / 3%
2010	7 / 0%	29 / 7%	20 / 0%	9/11%	13 / 8%	17 / 6%	12 / 0%	38 / 3%	15 / 0%	12 / 0%	17 / 0%	18 / 0%
2011	32 / 3%	83 / 5%	136 / 3%	82 / 1%	92 / 4%	112 / 3%	109 / 3%	186 / 1%	40 / 0%	27 / 4%	139 / 4%	162 / 2%
2012	12 / 0%	32 / 12%	41 / 2%	12 / 0%	16 / 0%	19 / 11%	15 / 0%	55 / 0%	26 / 4%	22 / 0%	31 / 3%	29 / 7%
2013	60 / 3%	124 / 3%	261 / 1%	76 / 4%	120 / 0%	167 / 1%	117 / 0%	326 / 0%	56 / 0%	48 / 4%	179 / 1%	245 / 3%
2014	21 / 0%	38 / 8%	58 / 0%	9 / 0%	23 / 9%	31 / 10%	18 / 6%	81 / 0%	47 / 0%	94 / 5%	34 / 6%	23 / 0%
2015	74 / 3%	133 / 3%	338 / 1%	85 / 1%	119 / 0%	216 / 3%	119 / 1%	336 / 0%	128 / 1%	127 / 1%	210 / 1%	245 / 0%
2016	19 / 0%	50 / 0%	65 / 3%	8/0%	24 / 0%	18 / 6%	22 / 5%	135 / 0%	118 / 1%	232 / 2%	25 / 0%	35 / 0%
2017	96 / 0%	134 / 1%	422 / 1%	78 / 0%	117 / 0%	252 / 2%	125 / 0%	458 / 0%	197 / 0%	330 / 2%	180 / 1%	284 / 1%
2018	35 / 0%	46 / 0%	66 / 0%	12 / 0%	13 / 0%	21 / 0%	17 / 0%	131 / 0%	159 / 1%	338 / 1%	29 / 3%	37 / 0%
2019	158 / 0%	140 / 2%	323 / 0%	56 / 2%	94 / 0%	183 / 0%	100 / 0%	584 / 0%	272 / 0%	416 / 1%	156 / 1%	205 / 0%
2020	182 / 0%	44 / 0%	72 / 0%	8 / 12%	19 / 5%	13 / 0%	9/0%	174 / 0%	272 / 0%	392 / 1%	27 / 0%	17 / 0%
2021	200 / 0%	69 / 1%	244 / 1%	43 / 0%	56 / 2%	109 / 0%	51/0%	314 / 0%	285 / 0%	236 / 0%	95 / 0%	110 / 0%
2022	16 / 0%	7 / 0%	17 / 0%	1/0%	1/0%	7 / 0%	2/0%	70 / 0%	193 / 0%	72 / 0%	5/0%	8/0%
2023	3/0%	3/0%	8/0%	0/0%	1/0%	4/0%	2/0%	35 / 0%	117 / 0%	16 / 0%	1/0%	4/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	1/0%	0/0%	0/0%	0/0%
Total	1063 / 1%	1182 / 4%	2539 / 2%	784 / 3%	1025 / 2%	1478 / 3%	1170 / 2%	3413 / 0%	2043 / 0%	2424 / 1%	1691 / 3%	1897 / 2%

		Att	achment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	el Year an	d Test Stati	ion	
Na dal Vasu	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	092111	096864	092186	096537	115292	096348	092024	092099	096463	096018	096656	096017
1996	0/0%	1/0%	1/0%	3/0%	2/0%	1/0%	0/0%	1/0%	2/0%	0/0%	0/0%	2 / 50%
1997	4 / 0%	0/0%	7 / 14%	7/0%	3/0%	18 / 0%	6/0%	3/0%	11/9%	2/0%	0/0%	0/0%
1998	2/0%	1/0%	0/0%	1/0%	5/0%	15 / 7%	1/100%	6/33%	4 / 25%	3/0%	1/0%	8/12%
1999	11 / 9%	6/0%	12 / 17%	12 / 8%	6/0%	35 / 11%	12 / 0%	14 / 0%	20 / 5%	4/0%	3 / 33%	17 / 6%
2000	2/0%	4/0%	3 / 33%	2/0%	1/0%	15 / 0%	1/0%	5 / 20%	8/0%	7/0%	0/0%	18 / 6%
2001	13 / 0%	17 / 0%	33 / 6%	16 / 6%	12 / 8%	58 / 5%	18 / 11%	14 / 0%	37 / 5%	13 / 0%	5/0%	24 / 8%
2002	2/0%	7 / 0%	7 / 29%	9/11%	7/0%	25 / 12%	9/0%	3 / 67%	10 / 20%	9/0%	0/0%	16 / 12%
2003	25 / 4%	46 / 0%	38 / 5%	37 / 5%	18 / 17%	96 / 4%	23 / 9%	18 / 6%	59 / 3%	26 / 4%	2/50%	39 / 5%
2004	3 / 67%	12 / 0%	8/0%	6/0%	13 / 8%	40 / 8%	12 / 25%	15 / 0%	23 / 13%	22 / 5%	0/0%	13 / 8%
2005	29 / 0%	79 / 4%	74 / 3%	53 / 9%	33 / 3%	145 / 8%	45 / 2%	39 / 8%	108 / 6%	36 / 3%	7 / 14%	63 / 6%
2006	10 / 30%	16 / 0%	12 / 0%	9/0%	12 / 8%	53 / 6%	9 / 33%	14 / 7%	27 / 15%	50 / 0%	2/0%	24 / 0%
2007	34 / 0%	154 / 1%	114 / 5%	64 / 11%	49 / 14%	199 / 5%	49 / 6%	67 / 10%	143 / 3%	91 / 2%	11/0%	109 / 6%
2008	5/0%	34 / 0%	20 / 0%	18 / 0%	22 / 9%	75 / 5%	16 / 6%	17 / 6%	35 / 6%	98 / 0%	6/17%	31/0%
2009	42 / 0%	117 / 0%	84 / 2%	77 / 0%	54 / 2%	168 / 3%	47 / 4%	46 / 9%	149 / 5%	92 / 1%	12 / 0%	90 / 0%
2010	11/0%	44 / 0%	22 / 0%	19 / 0%	25 / 0%	93 / 2%	32 / 3%	20 / 15%	37 / 3%	103 / 0%	6/17%	51 / 6%
2011	71 / 0%	219 / 0%	133 / 8%	118 / 3%	64 / 0%	310 / 3%	95 / 7%	88 / 6%	245 / 4%	108 / 0%	10 / 0%	143 / 4%
2012	12 / 0%	52 / 0%	22 / 0%	24 / 4%	28 / 0%	117 / 3%	65 / 2%	33 / 12%	53 / 9%	125 / 0%	8 / 12%	80 / 1%
2013	80 / 2%	298 / 0%	233 / 4%	170 / 3%	103 / 1%	433 / 2%	319 / 3%	124 / 6%	380 / 1%	146 / 1%	22 / 9%	283 / 3%
2014	18 / 6%	70 / 0%	35 / 6%	39 / 3%	34 / 0%	131 / 2%	100 / 4%	43 / 5%	75 / 4%	90 / 0%	12 / 0%	96 / 4%
2015	76 / 1%	489 / 0%	264 / 4%	230 / 2%	112 / 2%	540 / 1%	459 / 2%	138 / 2%	517 / 3%	64 / 0%	16 / 0%	348 / 2%
2016	13 / 0%	98 / 0%	30 / 0%	32 / 0%	25 / 0%	143 / 1%	120 / 2%	38 / 5%	87 / 1%	41 / 0%	19 / 0%	108 / 4%
2017	112 / 0%	603 / 0%	307 / 1%	220 / 0%	115 / 0%	586 / 1%	637 / 2%	134 / 3%	545 / 2%	41/0%	28 / 0%	448 / 2%
2018	12 / 0%	112 / 0%	24 / 4%	24 / 4%	39 / 3%	131 / 1%	127 / 2%	37 / 0%	73 / 1%	13 / 0%	11/0%	105 / 1%
2019	65 / 2%	581 / 0%	193 / 0%	187 / 2%	99 / 0%	499 / 1%	599 / 0%	141 / 1%	444 / 1%	16 / 0%	30 / 0%	353 / 1%
2020	13 / 15%	157 / 0%	35 / 3%	33 / 0%	24 / 4%	101 / 0%	99 / 0%	23 / 0%	63 / 0%	3/0%	12 / 0%	96 / 1%
2021	41 / 0%	575 / 0%	126 / 2%	125 / 1%	54 / 2%	309 / 0%	458 / 0%	102 / 0%	283 / 0%	5/0%	16 / 0%	239 / 0%
2022	4 / 0%	102 / 0%	13 / 0%	16 / 0%	7 / 0%	22 / 0%	29 / 0%	11/0%	16 / 0%	0/0%	5/0%	21/0%
2023	4 / 0%	66 / 0%	2/0%	3/0%	2/0%	11/0%	9/0%	2/0%	5/0%	0/0%	4/0%	5/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	714 / 2%	3960 / 0%	1852 / 3%	1554 / 2%	968 / 2%	4370 / 2%	3396 / 2%	1196 / 5%	3459 / 3%	1208 / 1%	248 / 3%	2830 / 3%

		Att	achment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year and	d Test Stat	ion	
Model Vee	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	096238	115332	092163	296213	096266	050055	057000	092112	096122	096936	096888	096848
1996	1/0%	0/0%	0/0%	1/0%	2/0%	0/0%	0/0%	0/0%	2/0%	0/0%	2/0%	1/0%
1997	8/0%	2/0%	9/11%	14 / 0%	7 / 14%	1/0%	1/0%	6/0%	18 / 6%	5 / 20%	20 / 0%	1/0%
1998	1/0%	2 / 50%	7 / 14%	8/0%	3/0%	2/0%	0/0%	2/0%	1/0%	0/0%	5 / 20%	0/0%
1999	20 / 0%	17 / 18%	9 / 33%	25 / 8%	11/0%	7 / 0%	3/0%	6/0%	24 / 4%	9/0%	26 / 0%	8 / 12%
2000	4/0%	4 / 25%	6/17%	11 / 9%	6/0%	2/0%	0/0%	2/0%	4/0%	4/0%	6/17%	2/0%
2001	19 / 5%	10 / 10%	23 / 13%	40 / 5%	19 / 5%	14 / 0%	4 / 25%	11 / 18%	41 / 5%	18 / 0%	38 / 13%	22 / 14%
2002	4/0%	6/0%	10 / 0%	11 / 9%	5/0%	6/0%	0/0%	2/0%	13 / 8%	4 / 0%	6/0%	6/17%
2003	40 / 2%	14 / 14%	30 / 10%	73 / 7%	42 / 2%	17 / 0%	4 / 50%	18 / 0%	36 / 3%	20 / 5%	74 / 9%	27 / 15%
2004	6/0%	4 / 25%	20 / 15%	17 / 0%	13 / 0%	7/0%	0/0%	2/0%	7/0%	13 / 0%	22 / 5%	9/11%
2005	71 / 0%	18 / 6%	48 / 6%	88 / 2%	40 / 2%	18 / 6%	3/0%	18 / 0%	61 / 0%	45 / 0%	60 / 2%	42 / 5%
2006	16 / 6%	11/9%	12 / 0%	31/0%	6/0%	4/0%	6/0%	7 / 0%	12 / 8%	10 / 0%	17 / 0%	11/9%
2007	107 / 6%	46 / 4%	72 / 1%	137 / 8%	104 / 3%	33 / 3%	5/0%	36 / 0%	64 / 6%	51 / 2%	119/3%	61/8%
2008	22 / 5%	20 / 5%	13 / 0%	25 / 4%	26 / 0%	6/0%	4 / 25%	9/0%	15 / 0%	12 / 0%	21/0%	17 / 0%
2009	99 / 6%	64 / 0%	48 / 2%	127 / 5%	77 / 3%	32 / 0%	5/0%	34 / 6%	68 / 0%	41 / 0%	99 / 6%	64 / 6%
2010	17 / 0%	20 / 0%	19 / 0%	30 / 3%	47 / 2%	13 / 0%	1/0%	9/0%	16 / 6%	12 / 0%	17 / 6%	19 / 0%
2011	162 / 5%	82 / 1%	70 / 4%	232 / 3%	172 / 2%	56 / 0%	15 / 0%	71 / 8%	87 / 2%	56 / 0%	150 / 1%	105 / 6%
2012	36 / 6%	32 / 3%	25 / 12%	45 / 4%	35 / 3%	16 / 0%	6/0%	24 / 17%	19 / 0%	8/0%	15 / 0%	33 / 0%
2013	266 / 3%	130 / 0%	108 / 4%	382 / 1%	238 / 2%	110 / 1%	23 / 0%	182 / 2%	109 / 2%	96 / 0%	185 / 1%	164 / 2%
2014	40 / 0%	43 / 5%	25 / 4%	78 / 1%	54 / 2%	26 / 0%	6/0%	59 / 0%	13 / 0%	18 / 0%	30 / 3%	27 / 0%
2015	385 / 1%	153 / 1%	108 / 4%	466 / 1%	281 / 1%	205 / 0%	39 / 3%	204 / 1%	118 / 1%	97 / 1%	217 / 0%	238 / 1%
2016	48 / 0%	21 / 10%	17 / 0%	69 / 0%	57 / 0%	43 / 2%	17 / 0%	85 / 1%	7 / 0%	21/0%	30 / 3%	35 / 3%
2017	401 / 1%	154 / 2%	113 / 3%	570 / 1%	290 / 1%	281 / 0%	43 / 2%	343 / 1%	110 / 0%	81/0%	228 / 2%	236 / 0%
2018	46 / 2%	32 / 0%	18 / 0%	63 / 3%	55 / 0%	65 / 2%	28 / 0%	163 / 2%	19 / 0%	17 / 0%	26 / 0%	49 / 0%
2019	361 / 1%	147 / 0%	88 / 0%	500 / 1%	289 / 0%	341 / 0%	71 / 0%	321 / 0%	82 / 0%	68 / 0%	173 / 1%	209 / 0%
2020	44 / 0%	28 / 0%	11/0%	74 / 0%	62 / 0%	91 / 1%	38 / 0%	182 / 1%	5/0%	8/0%	16 / 0%	51/0%
2021	233 / 0%	86 / 0%	58 / 0%	324 / 0%	186 / 1%	251 / 0%	72 / 0%	273 / 0%	52 / 2%	34 / 0%	122 / 0%	161 / 1%
2022	16 / 0%	10 / 0%	6/0%	26 / 0%	21/0%	44 / 0%	27 / 0%	81 / 0%	3/0%	4/0%	9/0%	34 / 0%
2023	3/0%	2/0%	0/0%	7/0%	4/0%	11/0%	8/0%	17 / 0%	0/0%	3/0%	3/0%	8/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	2476 / 2%	1158 / 2%	973 / 4%	3474 / 2%	2152 / 1%	1702 / 0%	430 / 1%	2167 / 1%	1006 / 2%	755 / 1%	1736 / 2%	1640 / 2%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year an	d Test Stat	ion	
Model Year	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
woder Year	096151	092302	096523	092095	096063	296006	096505	092158	096559	096908	096634	092009
1996	1/0%	0/0%	1/0%	0/0%	0/0%	2/0%	1/0%	4 / 25%	13 / 0%	0/0%	0/0%	0/0%
1997	2/0%	0/0%	4/0%	4/0%	0/0%	7 / 0%	3/0%	13 / 15%	38 / 5%	3/0%	2/0%	14 / 7%
1998	0/0%	0/0%	0/0%	4/0%	0/0%	1/0%	0/0%	4 / 25%	20 / 0%	0/0%	2/0%	1/0%
1999	4/0%	1/0%	17 / 0%	10 / 10%	2/0%	13 / 8%	10 / 0%	43 / 0%	74 / 1%	4/0%	2/0%	18 / 6%
2000	0/0%	2/0%	2 / 50%	1/0%	0/0%	2 / 50%	3/0%	14 / 0%	32 / 0%	4/0%	2/0%	4/0%
2001	7/0%	3/0%	13 / 0%	13 / 0%	3/0%	26 / 8%	13 / 0%	33 / 3%	95 / 2%	10 / 10%	6/17%	28 / 18%
2002	9/0%	1/0%	6/0%	7 / 29%	1/0%	7 / 29%	6/0%	10 / 0%	40 / 2%	4 / 0%	1/0%	7 / 14%
2003	9/11%	7 / 0%	14 / 0%	23 / 9%	2/0%	34 / 0%	16 / 0%	62 / 8%	146 / 1%	5/0%	16 / 0%	46 / 17%
2004	3/0%	1/0%	10 / 10%	10 / 10%	0/0%	8 / 12%	13 / 0%	24 / 12%	93 / 3%	1/0%	5/0%	10 / 10%
2005	8/0%	7 / 0%	28 / 0%	29 / 14%	6/0%	71 / 10%	56 / 2%	94 / 6%	213 / 0%	20 / 0%	9/0%	56 / 11%
2006	5/0%	1/0%	6/0%	13 / 8%	0/0%	19 / 5%	8/0%	22 / 0%	87 / 0%	0/0%	7/0%	18 / 11%
2007	19 / 0%	10 / 0%	52 / 6%	47 / 2%	12 / 0%	99 / 5%	97 / 0%	130 / 1%	260 / 1%	32 / 6%	23 / 0%	80 / 8%
2008	6/0%	1/0%	7/0%	12 / 0%	4/0%	17 / 6%	24 / 4%	44 / 5%	100 / 0%	2/0%	9/11%	17 / 24%
2009	13 / 0%	11 / 18%	43 / 2%	32 / 9%	3/0%	102 / 2%	73 / 1%	120 / 5%	186 / 1%	31/3%	29 / 0%	54 / 2%
2010	8/0%	6 / 17%	11/0%	20 / 0%	1/0%	26 / 12%	28 / 0%	48 / 6%	94 / 1%	7 / 14%	17 / 0%	14 / 7%
2011	59 / 3%	9/0%	49 / 2%	45 / 7%	27 / 0%	154 / 3%	109 / 0%	211/3%	252 / 0%	61 / 2%	67 / 0%	84 / 6%
2012	23 / 0%	2/0%	17 / 0%	24 / 8%	68 / 0%	49 / 2%	26 / 0%	48 / 6%	85 / 0%	7 / 0%	30 / 0%	18 / 11%
2013	82 / 4%	16 / 0%	76 / 0%	57 / 7%	90 / 1%	238 / 3%	256 / 0%	338 / 2%	218 / 0%	88 / 1%	131 / 0%	99 / 3%
2014	57 / 0%	5/0%	20 / 0%	25 / 0%	100 / 0%	73 / 3%	40 / 0%	85 / 4%	58 / 2%	23 / 4%	62 / 0%	20 / 5%
2015	167 / 0%	26 / 0%	97 / 0%	59 / 7%	161 / 0%	255 / 3%	382 / 0%	417 / 2%	212 / 1%	116 / 0%	208 / 0%	116 / 2%
2016	82 / 0%	1/0%	20 / 0%	20 / 0%	133 / 0%	57 / 2%	57 / 0%	80 / 4%	56 / 0%	35 / 6%	69 / 0%	14 / 0%
2017	183 / 1%	24 / 0%	97 / 0%	60 / 3%	243 / 0%	295 / 0%	385 / 0%	464 / 3%	158 / 0%	152 / 1%	338 / 0%	142 / 1%
2018	115 / 2%	3/0%	20 / 0%	10 / 0%	279 / 0%	43 / 0%	64 / 0%	74 / 0%	44 / 0%	41 / 0%	116 / 1%	20 / 0%
2019	257 / 0%	12 / 0%	100 / 0%	47 / 0%	337 / 0%	256 / 2%	380 / 0%	414 / 0%	117 / 0%	159 / 1%	556 / 0%	94 / 1%
2020	208 / 0%	4/0%	14 / 0%	15 / 0%	303 / 0%	58 / 0%	203 / 0%	66 / 2%	25 / 4%	36 / 0%	221 / 0%	18 / 0%
2021	351 / 0%	20 / 0%	44 / 0%	18 / 0%	168 / 0%	141 / 0%	445 / 0%	240 / 0%	44 / 0%	78 / 0%	529 / 0%	80 / 1%
2022	188 / 1%	0/0%	7/0%	2/0%	132 / 0%	26 / 0%	140 / 0%	7 / 0%	5/0%	14 / 0%	161 / 0%	1/0%
2023	117 / 0%	0/0%	1/0%	1/0%	33 / 0%	5/0%	22 / 0%	3/0%	2/0%	1/0%	139 / 0%	0/0%
2024	2/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	8/0%	0/0%
Total	1985 / 1%	173 / 2%	776 / 1%	608 / 5%	2108 / 0%	2084 / 3%	2860 / 0%	3112 / 3%	2767 / 1%	934 / 1%	2765 / 0%	1073 / 5%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year an	d Test Stati	on	
Model Veer	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	096377	096425	096458	096645	096386	096069	050048	092279	115233	096621	096586	092143
1996	0/0%	0/0%	0/0%	0/0%	0/0%	1/0%	0/0%	0/0%	17 / 0%	0/0%	2/0%	2/0%
1997	2 / 50%	0/0%	10 / 0%	7 / 14%	3/0%	10 / 20%	4/0%	5/0%	53 / 2%	1/0%	8 / 12%	16 / 6%
1998	1/0%	0/0%	1/0%	4 / 25%	1/0%	3/0%	2/0%	6/0%	30 / 3%	0/0%	0/0%	0/0%
1999	11 / 9%	0/0%	15 / 7%	12 / 8%	16 / 0%	24 / 0%	15 / 0%	22 / 5%	80 / 4%	0/0%	13 / 0%	23 / 4%
2000	6/0%	0/0%	1/0%	4 / 0%	4 / 0%	8 / 12%	3/0%	10 / 20%	42 / 7%	0/0%	6/0%	10 / 10%
2001	15 / 7%	1/0%	31/0%	31/3%	25 / 8%	29 / 0%	23 / 4%	28 / 4%	125 / 6%	0/0%	16 / 0%	33 / 6%
2002	6/0%	1/0%	6/0%	7 / 14%	7 / 14%	5/0%	5/0%	20 / 0%	73 / 1%	0/0%	9/0%	8/0%
2003	29 / 3%	1/0%	55 / 0%	48 / 12%	34 / 3%	51/6%	34 / 9%	51 / 2%	200 / 3%	3/0%	32 / 6%	50 / 10%
2004	10 / 0%	1/0%	11/0%	8/0%	11/0%	13 / 0%	9/0%	23 / 4%	108 / 6%	1/0%	7/0%	22 / 5%
2005	57 / 0%	0/0%	68 / 0%	57 / 2%	42 / 0%	67 / 6%	45 / 2%	68 / 6%	267 / 3%	0/0%	45 / 0%	70 / 6%
2006	12 / 0%	2/0%	11/0%	11/9%	11/0%	12 / 8%	15 / 0%	30 / 0%	133 / 4%	1/0%	11/0%	18 / 0%
2007	84 / 0%	3/0%	121 / 1%	98 / 1%	86 / 2%	89 / 0%	60 / 5%	117 / 5%	364 / 4%	9/0%	58 / 2%	115 / 5%
2008	16 / 0%	0/0%	19 / 0%	28 / 0%	28 / 4%	26 / 0%	19 / 5%	49 / 4%	190 / 3%	4 / 25%	13 / 0%	21 / 10%
2009	111 / 1%	8 / 25%	135 / 1%	109 / 6%	145 / 1%	91/3%	49 / 4%	97 / 3%	330 / 4%	14 / 0%	48 / 2%	104 / 3%
2010	34 / 3%	1/0%	25 / 0%	22 / 9%	19 / 0%	24 / 4%	23 / 4%	41 / 2%	179 / 3%	5/0%	21/0%	34 / 3%
2011	148 / 0%	4/0%	191 / 0%	194 / 2%	168 / 1%	125 / 2%	108 / 2%	169 / 3%	434 / 1%	46 / 0%	55 / 0%	145 / 4%
2012	37 / 3%	4 / 25%	42 / 0%	53 / 6%	58 / 0%	31/3%	27 / 0%	70 / 0%	237 / 3%	13 / 0%	17 / 0%	20 / 10%
2013	256 / 0%	11 / 0%	295 / 0%	314 / 2%	274 / 0%	223 / 0%	154 / 5%	269 / 5%	543 / 1%	73 / 1%	77 / 0%	191 / 3%
2014	67 / 6%	2/0%	57 / 0%	64 / 3%	62 / 0%	52 / 2%	26 / 0%	81 / 2%	247 / 2%	32 / 0%	24 / 0%	28 / 4%
2015	324 / 1%	15 / 0%	373 / 0%	406 / 2%	319 / 0%	285 / 1%	222 / 2%	336 / 3%	559 / 3%	101 / 0%	94 / 0%	254 / 0%
2016	83 / 1%	2/0%	82 / 1%	69 / 0%	81 / 1%	44 / 0%	46 / 0%	79 / 0%	244 / 3%	48 / 4%	31/0%	31/0%
2017	415 / 0%	22 / 0%	408 / 0%	460 / 1%	379 / 0%	279 / 1%	327 / 1%	416 / 2%	537 / 2%	150 / 1%	87 / 1%	232 / 0%
2018	121 / 0%	3/0%	88 / 0%	73 / 1%	144 / 0%	57 / 0%	34 / 3%	71 / 1%	191 / 1%	69 / 0%	15 / 0%	33 / 0%
2019	434 / 0%	12 / 0%	501 / 0%	497 / 0%	568 / 0%	212 / 0%	282 / 0%	310 / 1%	458 / 1%	171 / 1%	78 / 1%	187 / 1%
2020	194 / 1%	4/0%	186 / 1%	112 / 0%	277 / 0%	42 / 0%	29 / 0%	63 / 0%	159 / 1%	154 / 1%	11/0%	12 / 0%
2021	550 / 0%	5/0%	645 / 0%	358 / 0%	498 / 0%	140 / 0%	157 / 0%	219 / 0%	275 / 0%	212 / 0%	55 / 0%	119 / 0%
2022	121 / 0%	0/0%	96 / 0%	33 / 0%	151 / 0%	20 / 0%	13 / 0%	14 / 0%	44 / 0%	86 / 0%	7 / 0%	6/0%
2023	43 / 0%	0/0%	36 / 0%	15 / 0%	23 / 0%	9/0%	6/0%	1/0%	20 / 5%	47 / 0%	4 / 0%	3/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	1/0%	0/0%	2/0%	1/0%	0/0%	0/0%
Total	3187 / 1%	102 / 3%	3509 / 0%	3094 / 2%	3434 / 0%	1972 / 1%	1738 / 2%	2665 / 2%	6141 / 2%	1241 / 1%	844 / 1%	1787 / 3%

		Att	achment 1	.5 - (3-4) In	itial Test V	olume and	d Failure Ra	ite by Mod	lel Year and	d Test Stat	ion	
Model Year	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Widdel Year	092040	096203	115442	050029	050230	296257	050257	092108	092259	092125	096014	092087
1996	2/0%	1/0%	1/0%	0/0%	5/0%	1/0%	4/0%	0/0%	0/0%	0/0%	0/0%	0/0%
1997	10 / 10%	3/0%	19 / 0%	2/0%	23 / 4%	6/0%	7 / 0%	10 / 0%	1/0%	0/0%	10 / 0%	8/0%
1998	1/0%	4 / 25%	4 / 25%	2/0%	15 / 0%	3/0%	1/0%	3 / 33%	1/0%	0/0%	3/0%	2/0%
1999	19 / 11%	9/0%	20 / 10%	25 / 4%	43 / 0%	15 / 0%	25 / 4%	14 / 14%	14 / 7%	0/0%	14 / 0%	5 / 20%
2000	2/0%	5/0%	7 / 14%	8 / 12%	15 / 0%	1/0%	5/0%	6/0%	2/0%	1/0%	4/0%	2/0%
2001	32 / 6%	17 / 0%	47 / 4%	32 / 6%	55 / 0%	17 / 0%	33 / 6%	12 / 8%	12 / 0%	0/0%	22 / 0%	7/0%
2002	5 / 20%	10 / 20%	12 / 8%	1/0%	15 / 0%	3/0%	8 / 25%	5/0%	9/11%	0/0%	4 / 25%	0/0%
2003	44 / 7%	16 / 0%	47 / 2%	37 / 11%	74 / 5%	31 / 3%	59 / 7%	31/3%	29 / 0%	0/0%	34 / 6%	14 / 7%
2004	18 / 0%	15 / 13%	14 / 7%	3/0%	36 / 0%	6/0%	16 / 6%	10 / 10%	7/0%	0/0%	8/0%	3/0%
2005	62 / 0%	49 / 4%	91 / 5%	61/3%	118 / 1%	46 / 0%	68 / 7%	35 / 6%	33 / 3%	1/0%	44 / 2%	19 / 5%
2006	19 / 5%	29 / 3%	15 / 7%	14 / 0%	43 / 7%	5/0%	18 / 22%	15 / 0%	12 / 0%	2/0%	11/9%	8 / 12%
2007	90 / 4%	79 / 4%	105 / 2%	74 / 7%	125 / 0%	62 / 2%	90 / 4%	55 / 2%	54 / 2%	1/0%	64 / 5%	43 / 5%
2008	20 / 5%	40 / 2%	22 / 5%	16 / 6%	41 / 0%	10 / 0%	22 / 0%	24 / 4%	21 / 0%	1/0%	10 / 0%	5/0%
2009	119 / 4%	80 / 8%	130 / 2%	63 / 3%	104 / 0%	63 / 0%	100 / 3%	57 / 0%	48 / 0%	0/0%	44 / 0%	25 / 8%
2010	22 / 5%	36 / 3%	32 / 3%	8/12%	36 / 0%	11/0%	19 / 5%	48 / 4%	25 / 0%	0/0%	15 / 0%	10 / 0%
2011	174 / 4%	113 / 4%	140 / 4%	98 / 5%	122 / 0%	77 / 1%	159 / 4%	92 / 1%	120 / 0%	3/0%	55 / 4%	48 / 2%
2012	41 / 5%	61/3%	27 / 7%	14 / 7%	42 / 0%	7/0%	33 / 0%	49 / 0%	61 / 0%	10 / 0%	11/9%	16 / 0%
2013	279 / 3%	215 / 1%	174 / 1%	130 / 1%	168 / 0%	106 / 3%	260 / 2%	104 / 3%	210 / 1%	16 / 0%	100 / 6%	104 / 4%
2014	39 / 8%	80 / 5%	52 / 4%	21 / 5%	47 / 0%	12 / 0%	40 / 0%	48 / 6%	87 / 0%	25 / 4%	20 / 0%	19 / 5%
2015	317 / 2%	309 / 2%	207 / 1%	173 / 2%	217 / 0%	109 / 1%	319 / 3%	83 / 1%	233 / 0%	21 / 0%	111 / 0%	152 / 3%
2016	47 / 2%	102 / 4%	50 / 0%	16 / 0%	57 / 0%	13 / 0%	51/0%	26 / 4%	118 / 0%	44 / 0%	21 / 0%	18 / 0%
2017	319 / 1%	344 / 1%	212 / 0%	176 / 2%	200 / 0%	111 / 1%	355 / 1%	110 / 4%	352 / 0%	83 / 0%	126 / 2%	160 / 3%
2018	48 / 0%	106 / 1%	31 / 0%	19 / 0%	44 / 0%	9/0%	52 / 2%	20 / 0%	122 / 0%	79 / 3%	8/0%	19 / 0%
2019	278 / 0%	304 / 0%	165 / 1%	149 / 1%	198 / 0%	91 / 0%	302 / 1%	94 / 0%	635 / 0%	85 / 0%	105 / 1%	156 / 1%
2020	38 / 0%	71 / 0%	18 / 0%	17 / 0%	25 / 0%	8/0%	33 / 0%	14 / 0%	267 / 0%	87 / 2%	11/0%	22 / 5%
2021	169 / 1%	168 / 0%	99 / 0%	109 / 1%	83 / 0%	50 / 0%	225 / 0%	56 / 0%	524 / 0%	72 / 0%	53 / 0%	67 / 0%
2022	9/0%	17 / 0%	8/0%	27 / 4%	5/0%	2/0%	15 / 0%	4/0%	187 / 0%	26 / 0%	5/0%	14 / 0%
2023	6/0%	4/0%	0/0%	9/0%	3/0%	2/0%	7/0%	0/0%	116 / 0%	5/0%	0/0%	4/0%
2024	0/0%	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%	3/0%	0/0%	0/0%	0/0%
Total	2229 / 2%	2287 / 2%	1750 / 2%	1304 / 3%	1959 / 1%	877 / 1%	2326 / 3%	1025 / 2%	3303 / 0%	562 / 1%	913 / 2%	950 / 3%

		Att	achment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	el Year an	d Test Stat	ion	
Model Veer	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	096272	092071	096466	096051	050073	092135	092145	115138	050205	096853	115067	096324
1996	0/0%	0/0%	1/0%	0/0%	4/0%	2/0%	4/0%	9 / 22%	0/0%	2/0%	2/0%	1/0%
1997	4/0%	6/0%	7/0%	9/0%	6/17%	7 / 14%	5 / 20%	27 / 7%	3 / 33%	5/0%	1/0%	9/0%
1998	1/0%	1/0%	0/0%	3/0%	6/17%	2/0%	5/0%	27 / 22%	0/0%	1/0%	2/0%	2/0%
1999	8 / 12%	10 / 0%	12 / 8%	9/11%	14 / 7%	11 / 0%	6/0%	56 / 12%	8/0%	8 / 12%	10 / 10%	10 / 30%
2000	6/0%	5/0%	5 / 40%	2/0%	5 / 20%	4 / 25%	6/0%	28 / 18%	0/0%	7 / 14%	9 / 22%	3/0%
2001	11 / 0%	17 / 0%	18 / 6%	23 / 0%	20 / 5%	18 / 6%	22 / 9%	53 / 19%	5/0%	9/0%	17 / 24%	13 / 8%
2002	10 / 0%	10 / 20%	3 / 33%	11 / 18%	16 / 0%	10 / 20%	2/0%	37 / 14%	1/0%	5/0%	8 / 38%	5 / 20%
2003	23 / 0%	23 / 0%	37 / 11%	41 / 2%	35 / 9%	24 / 4%	34 / 0%	119 / 11%	13 / 8%	23 / 4%	17 / 18%	26 / 12%
2004	7 / 14%	9/11%	7 / 14%	11 / 9%	12 / 8%	14 / 7%	13 / 0%	67 / 9%	6/0%	9 / 22%	13 / 15%	5/0%
2005	56 / 0%	39 / 10%	31 / 6%	81 / 2%	51 / 2%	44 / 5%	43 / 2%	158 / 7%	19 / 0%	33 / 6%	41 / 17%	47 / 15%
2006	12 / 0%	14 / 7%	16 / 6%	18 / 0%	11 / 0%	21 / 10%	15 / 0%	72 / 7%	2/0%	10 / 0%	13 / 0%	12 / 8%
2007	70 / 0%	52 / 0%	50 / 8%	96 / 8%	46 / 7%	63 / 6%	57 / 4%	180 / 9%	27 / 0%	48 / 6%	54 / 15%	59 / 7%
2008	23 / 0%	18 / 0%	13 / 23%	23 / 13%	24 / 17%	24 / 0%	15 / 7%	86 / 10%	5/0%	15 / 7%	27 / 15%	13 / 8%
2009	53 / 0%	40 / 5%	44 / 5%	111 / 4%	41 / 0%	47 / 9%	58 / 0%	130 / 5%	19 / 0%	43 / 5%	45 / 7%	62 / 5%
2010	34 / 0%	18 / 0%	10 / 0%	26 / 4%	13 / 0%	26 / 8%	17 / 6%	64 / 12%	7 / 0%	12 / 8%	36 / 14%	16 / 19%
2011	108 / 0%	69 / 4%	66 / 5%	165 / 3%	60 / 3%	83 / 7%	71 / 3%	196 / 7%	55 / 2%	79 / 6%	90 / 4%	91 / 3%
2012	52 / 0%	37 / 5%	22 / 0%	49 / 6%	19 / 5%	31/3%	31 / 0%	97 / 10%	11 / 0%	26 / 12%	47 / 4%	12 / 8%
2013	194 / 0%	100 / 2%	103 / 6%	333 / 2%	66 / 2%	135 / 4%	117 / 2%	211 / 7%	68 / 0%	150 / 3%	131 / 2%	115 / 2%
2014	64 / 0%	40 / 0%	23 / 0%	65 / 2%	16 / 0%	44 / 2%	29 / 0%	88 / 10%	23 / 0%	45 / 4%	47 / 6%	27 / 4%
2015	322 / 1%	133 / 0%	144 / 2%	440 / 2%	92 / 1%	156 / 0%	106 / 0%	200 / 7%	111 / 4%	219 / 0%	155 / 4%	122 / 3%
2016	105 / 0%	61 / 2%	30 / 3%	101 / 1%	18 / 6%	39 / 3%	28 / 0%	69 / 6%	26 / 0%	46 / 2%	53 / 4%	22 / 5%
2017	329 / 0%	127 / 2%	143 / 1%	493 / 1%	76 / 0%	181 / 1%	102 / 0%	193 / 4%	126 / 0%	226 / 0%	162 / 3%	103 / 1%
2018	104 / 0%	45 / 4%	31 / 0%	90 / 2%	16 / 0%	33 / 6%	33 / 0%	61/0%	32 / 0%	41/0%	41 / 0%	17 / 0%
2019	391 / 0%	86 / 0%	158 / 1%	483 / 1%	60 / 2%	147 / 0%	147 / 0%	162 / 1%	129 / 0%	210 / 0%	126 / 1%	87 / 0%
2020	185 / 0%	39 / 0%	36 / 0%	83 / 0%	14 / 0%	20 / 0%	171 / 0%	48 / 4%	30 / 0%	31/0%	40 / 2%	16 / 0%
2021	343 / 0%	54 / 0%	115 / 0%	314 / 0%	30 / 0%	79 / 0%	169 / 0%	73 / 0%	105 / 0%	141 / 0%	86 / 0%	55 / 0%
2022	135 / 1%	12 / 0%	16 / 0%	35 / 0%	3/0%	6/0%	15 / 0%	5/0%	16 / 0%	16 / 0%	11/0%	5/0%
2023	64 / 0%	6/0%	1/0%	5/0%	1/0%	0/0%	0/0%	0/0%	4/0%	6/0%	4/0%	1/0%
2024	4/0%	0/0%	0/0%	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	-		1142 / 3%	3120 / 2%	-	_	1321 / 1%	2516 / 8%	851 / 1%	1466 / 2%	_	956 / 4%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year an	d Test Stat	ion	
Model Year	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Wiodel Teal	115470	296426	096031	092164	096388	096437	296377	096874	096516	092276	092159	096133
1996	1/0%	0/0%	1/0%	3 / 33%	0/0%	1/0%	2/0%	3 / 33%	0/0%	1/0%	2/0%	0/0%
1997	7/0%	4/0%	0/0%	14 / 14%	1/0%	7 / 0%	3/0%	20 / 10%	3 / 33%	10 / 0%	11/9%	5/0%
1998	1/0%	0/0%	0/0%	9/0%	0/0%	3/0%	0/0%	3/0%	1/0%	1/0%	2/0%	1/100%
1999	5/0%	12 / 0%	0/0%	18 / 17%	0/0%	14 / 0%	2/0%	33 / 9%	11 / 0%	17 / 6%	20 / 5%	4/0%
2000	6/0%	4/0%	0/0%	8/0%	0/0%	4/0%	2/0%	7 / 0%	1/0%	2/0%	6/0%	0/0%
2001	14 / 14%	17 / 6%	0/0%	23 / 17%	5/0%	21 / 14%	3/0%	46 / 4%	24 / 0%	16 / 0%	32 / 12%	6/0%
2002	8 / 25%	4 / 0%	0/0%	17 / 6%	3/0%	7 / 14%	0/0%	20 / 10%	3/0%	4 / 0%	11 / 18%	4/0%
2003	31 / 6%	44 / 5%	1/0%	44 / 2%	13 / 0%	29 / 14%	4/0%	71 / 7%	20 / 0%	28 / 7%	42 / 12%	19 / 0%
2004	8/0%	6/0%	1/0%	29 / 0%	1/0%	9/0%	7 / 0%	20 / 10%	6/17%	3/0%	14 / 14%	3/0%
2005	25 / 16%	74 / 0%	0/0%	80 / 8%	14 / 0%	38 / 8%	15 / 0%	106 / 7%	42 / 7%	41 / 15%	91/5%	11 / 18%
2006	12 / 17%	11 / 0%	0/0%	29 / 7%	6/0%	14 / 7%	6/0%	28 / 11%	7 / 0%	10 / 20%	20 / 15%	8/0%
2007	45 / 2%	118 / 1%	2 / 50%	118 / 1%	16 / 0%	54 / 4%	27 / 4%	139 / 4%	41 / 2%	47 / 4%	124 / 6%	36 / 3%
2008	22 / 9%	26 / 0%	0/0%	46 / 7%	10 / 0%	7/0%	4/0%	40 / 2%	11 / 0%	5/0%	25 / 4%	7 / 14%
2009	68 / 3%	148 / 0%	1/0%	100 / 5%	23 / 0%	51 / 4%	20 / 0%	135 / 4%	53 / 0%	52 / 2%	113 / 4%	16 / 6%
2010	25 / 0%	21 / 0%	0/0%	53 / 4%	15 / 0%	14 / 0%	8 / 12%	32 / 0%	10 / 0%	5 / 20%	35 / 6%	7/0%
2011	101 / 7%	238 / 1%	3/0%	183 / 2%	56 / 0%	79 / 4%	46 / 4%	164 / 4%	74 / 8%	50 / 4%	163 / 2%	29 / 3%
2012	40 / 8%	40 / 2%	2 / 50%	72 / 1%	22 / 5%	18 / 0%	16 / 19%	43 / 0%	23 / 9%	8 / 12%	36 / 0%	13 / 0%
2013	136 / 0%	359 / 0%	4/0%	473 / 2%	89 / 0%	106 / 6%	62 / 5%	263 / 2%	121 / 3%	68 / 3%	285 / 3%	50 / 0%
2014	43 / 5%	42 / 0%	4/0%	125 / 2%	32 / 0%	25 / 8%	24 / 0%	57 / 4%	14 / 7%	15 / 0%	53 / 0%	13 / 0%
2015	138 / 3%	459 / 0%	8/0%	616 / 2%	203 / 0%	131 / 1%	119 / 3%	330 / 2%	129 / 1%	64 / 2%	391 / 2%	76 / 3%
2016	57 / 5%	66 / 0%	12 / 0%	135 / 2%	59 / 0%	26 / 4%	43 / 0%	52 / 4%	15 / 0%	8/0%	59 / 2%	15 / 0%
2017	206 / 1%	625 / 0%	30 / 0%	797 / 1%	294 / 0%	137 / 1%	159 / 3%	329 / 2%	131 / 0%	66 / 2%	353 / 1%	84 / 1%
2018	48 / 0%	69 / 0%	75 / 0%	119 / 0%	73 / 0%	22 / 5%	77 / 1%	56 / 0%	12 / 0%	5/0%	57 / 0%	7/0%
2019	185 / 1%	778 / 0%	171 / 0%	675 / 0%	389 / 0%	131 / 1%	251 / 1%	261 / 2%	110 / 0%	40 / 0%	287 / 1%	65 / 0%
2020	40 / 0%	95 / 0%	416 / 0%	118 / 0%	83 / 0%	35 / 0%	94 / 1%	36 / 0%	15 / 0%	3/0%	35 / 0%	15 / 0%
2021	107 / 0%	492 / 0%	587 / 0%	438 / 0%	343 / 0%	71 / 0%	235 / 0%	132 / 0%	58 / 0%	25 / 0%	184 / 0%	40 / 0%
2022	16 / 0%	42 / 0%	54 / 0%	30 / 0%	71 / 0%	12 / 0%	93 / 0%	9/0%	4/0%	0/0%	7/0%	7/0%
2023	7 / 0%	16 / 0%	4/0%	9 / 0%	33 / 0%	5/0%	10 / 0%	4/0%	1/0%	1/0%	10 / 0%	1/0%
2024	0/0%	0/0%	0/0%	1/0%	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total			,					2439 / 3%		595 / 4%	2468 / 2%	542 / 2%

		Att	achment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year an	d Test Stat	ion	
	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	096391	096118	296012	096608	050239	096303	096207	092162	096593	096257	092315	096043
1996	10 / 10%	0/0%	1/0%	0/0%	3/0%	1/100%	0/0%	0/0%	0/0%	0/0%	0/0%	1/0%
1997	36 / 3%	8/0%	4/0%	2/0%	18 / 6%	3/0%	8 / 12%	4/0%	4/0%	10 / 0%	2/0%	15 / 0%
1998	19 / 11%	1/100%	0/0%	2/0%	8/0%	1/0%	5/0%	1/0%	1/0%	1/100%	1/0%	1/0%
1999	94 / 4%	10 / 20%	11 / 0%	9/0%	36 / 6%	9/0%	8/0%	4/0%	5/0%	7 / 14%	4/0%	12 / 0%
2000	38 / 13%	2/0%	2/0%	2/0%	11 / 9%	3/0%	5/0%	1/0%	1/0%	7 / 14%	2/0%	5/0%
2001	131 / 10%	23 / 0%	6/0%	10 / 20%	31 / 16%	4/0%	13 / 8%	2/0%	6/0%	20 / 20%	5/0%	21 / 5%
2002	43 / 9%	3/0%	5 / 20%	3/0%	21 / 10%	3/0%	2/0%	5/0%	2/0%	5 / 20%	3/0%	8/0%
2003	192 / 6%	22 / 5%	13 / 0%	16 / 6%	45 / 4%	6/0%	19 / 16%	14 / 0%	11 / 0%	24 / 4%	6/0%	37 / 11%
2004	85 / 8%	6/17%	6/17%	5 / 0%	15 / 0%	4 / 0%	5/0%	0/0%	8/0%	7 / 0%	4 / 0%	5/0%
2005	275 / 6%	41 / 2%	22 / 0%	39 / 0%	82 / 10%	15 / 13%	26 / 4%	20 / 0%	16 / 0%	39 / 3%	16 / 6%	72 / 7%
2006	122 / 6%	9 / 22%	8 / 12%	6/0%	24 / 0%	3/0%	10 / 10%	2/0%	12 / 0%	13 / 0%	3/0%	13 / 15%
2007	422 / 2%	51 / 4%	20 / 5%	37 / 5%	100 / 7%	12 / 8%	31/3%	29 / 0%	37 / 0%	59 / 15%	26 / 0%	70 / 1%
2008	153 / 5%	22 / 0%	11/0%	16 / 12%	36 / 3%	7 / 0%	10 / 0%	9/11%	9/11%	19 / 16%	5/0%	20 / 0%
2009	407 / 3%	52 / 2%	35 / 3%	34 / 6%	108 / 6%	17 / 6%	45 / 2%	23 / 9%	37 / 0%	37 / 14%	25 / 4%	113 / 5%
2010	208 / 4%	13 / 15%	9/0%	12 / 0%	39 / 3%	8/0%	12 / 0%	11/0%	19 / 0%	23 / 4%	12 / 0%	16 / 6%
2011	683 / 3%	74 / 0%	76 / 7%	44 / 0%	189 / 4%	19 / 0%	84 / 5%	53 / 2%	77 / 0%	70 / 3%	43 / 0%	131 / 5%
2012	274 / 3%	21 / 0%	30 / 13%	15 / 0%	45 / 4%	9/0%	17 / 0%	21 / 0%	50 / 2%	18 / 11%	19 / 0%	40 / 2%
2013	977 / 2%	112 / 3%	119 / 1%	64 / 2%	283 / 2%	39 / 0%	99 / 1%	76 / 1%	106 / 1%	114 / 5%	77 / 6%	207 / 1%
2014	358 / 3%	34 / 0%	32 / 3%	23 / 4%	57 / 0%	18 / 0%	12 / 17%	19 / 0%	106 / 0%	32 / 3%	18 / 0%	39 / 3%
2015	1190 / 2%	169 / 2%	256 / 2%	92 / 3%	353 / 2%	56 / 0%	122 / 2%	80 / 1%	150 / 0%	133 / 2%	131 / 2%	277 / 3%
2016	385 / 2%	37 / 5%	87 / 3%	30 / 0%	53 / 0%	22 / 0%	19 / 0%	37 / 0%	160 / 0%	45 / 2%	39 / 0%	54 / 2%
2017	1331 / 1%	179 / 2%	338 / 0%	93 / 1%	427 / 1%	56 / 2%	115 / 2%	144 / 0%	226 / 0%	145 / 0%	195 / 1%	330 / 2%
2018	424 / 0%	40 / 0%	115 / 3%	22 / 0%	54 / 0%	26 / 0%	28 / 0%	52 / 0%	190 / 0%	30 / 0%	54 / 0%	40 / 0%
2019	1189 / 1%	158 / 1%	433 / 0%	88 / 1%	338 / 0%	42 / 2%	121 / 1%	159 / 1%	389 / 0%	116 / 0%	274 / 0%	303 / 1%
2020	382 / 0%	26 / 0%	235 / 1%	23 / 0%	58 / 2%	15 / 0%	16 / 6%	100 / 0%	353 / 0%	35 / 0%	102 / 0%	43 / 2%
2021	694 / 0%	118 / 1%	471 / 0%	70 / 0%	244 / 0%	24 / 0%	99 / 0%	139 / 0%	247 / 0%	88 / 0%	257 / 0%	197 / 0%
2022	61 / 0%	10 / 0%	112 / 1%	9/0%	25 / 4%	5/0%	10 / 0%	52 / 0%	237 / 0%	13 / 0%	64 / 0%	14 / 0%
2023	31/0%	1/0%	53 / 0%	5/0%	8/0%	1/0%	4/0%	25 / 0%	56 / 0%	5/0%	23 / 0%	13 / 0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	2/0%	0/0%	1/0%	0/0%	1/0%	0/0%
Total	10214 / 2%	1242 / 2%	2510 / 1%	771 / 2%	2711 / 2%	428 / 2%	947 / 2%	1082 / 1%	2516 / 0%	1115 / 4%	1411 / 1%	2097 / 2%

		Att	achment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year an	d Test Stat	ion	
Model Year	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Widuel Teal	096663	096116	096015	096180	096289	096131	092015	096454	096400	096174	096033	096604
1996	1/0%	0/0%	0/0%	2/0%	1/0%	0/0%	3 / 33%	2/0%	1/0%	0/0%	1/0%	1/0%
1997	0/0%	1/0%	1/0%	1/0%	1/0%	7/0%	1/0%	9/0%	2/0%	2/0%	4 / 25%	12 / 0%
1998	0/0%	0/0%	1/0%	0/0%	0/0%	3/0%	1/0%	2/0%	0/0%	3/0%	1/0%	2/0%
1999	0/0%	1/0%	0/0%	2/0%	2/0%	8/12%	1/0%	24 / 8%	4 / 25%	8/0%	10 / 10%	21 / 5%
2000	1/100%	3/0%	0/0%	4/0%	1/0%	4/0%	6/0%	2/0%	1/0%	1/0%	7 / 0%	4/0%
2001	0/0%	3/0%	1/0%	8/0%	1/0%	16 / 12%	12 / 17%	26 / 8%	3/0%	5 / 20%	13 / 0%	36 / 17%
2002	1/0%	1/0%	2/0%	3/0%	0/0%	4/0%	4/0%	19 / 5%	2/0%	4 / 25%	6/17%	10 / 0%
2003	6/0%	1/0%	2/0%	15 / 0%	4/0%	17 / 6%	15 / 0%	65 / 12%	2/0%	8 / 12%	23 / 9%	56 / 7%
2004	2/0%	1/0%	1/0%	6/0%	0/0%	7 / 14%	4/0%	11/9%	1/0%	2/0%	17 / 6%	14 / 21%
2005	14 / 0%	1/0%	6/0%	19 / 0%	5/0%	34 / 12%	16 / 0%	72 / 4%	7 / 0%	14 / 7%	27 / 15%	69 / 7%
2006	2/0%	2/0%	0/0%	6/0%	2/0%	7/0%	9/0%	15 / 13%	0/0%	7 / 14%	19 / 5%	18 / 0%
2007	16 / 0%	7 / 0%	2/0%	27 / 4%	6 / 17%	37 / 0%	24 / 8%	118 / 4%	6 / 17%	11 / 18%	35 / 6%	98 / 6%
2008	3/0%	1/0%	1/0%	7/0%	1/0%	8 / 12%	2/0%	30 / 7%	1/0%	3/0%	26 / 4%	17 / 18%
2009	11/0%	8/0%	0/0%	31/0%	3/0%	41 / 2%	15 / 0%	120 / 6%	10 / 0%	10 / 0%	30 / 0%	98 / 8%
2010	16 / 0%	2/0%	2/0%	11 / 0%	3/0%	10 / 0%	5/0%	18 / 6%	2/0%	5/0%	22 / 5%	33 / 3%
2011	39 / 3%	24 / 4%	2/0%	29 / 3%	4/0%	65 / 5%	29 / 0%	196 / 6%	13 / 8%	12 / 8%	60 / 2%	186 / 2%
2012	16 / 0%	6/0%	1/0%	14 / 0%	3/0%	15 / 7%	6/0%	44 / 2%	5/0%	12 / 0%	33 / 0%	47 / 0%
2013	75 / 1%	38 / 0%	10 / 0%	32 / 0%	5/0%	121 / 2%	48 / 2%	254 / 3%	10 / 0%	27 / 4%	69 / 0%	273 / 2%
2014	30 / 0%	19 / 5%	7 / 0%	15 / 0%	2/0%	18 / 6%	12 / 0%	39 / 0%	2/0%	10 / 10%	70 / 3%	64 / 6%
2015	98 / 0%	74 / 0%	7 / 0%	48 / 0%	2/0%	160 / 1%	48 / 2%	282 / 0%	10 / 0%	37 / 0%	96 / 0%	341 / 2%
2016	46 / 0%	29 / 0%	6/0%	11 / 0%	4/0%	29 / 0%	11 / 0%	39 / 3%	4/0%	5/0%	93 / 1%	69 / 1%
2017	110 / 0%	64 / 2%	15 / 0%	40 / 0%	6/0%	177 / 1%	42 / 0%	263 / 0%	11 / 0%	37 / 0%	89 / 1%	333 / 1%
2018	58 / 0%	22 / 0%	7 / 0%	6/0%	3/0%	33 / 0%	7/0%	37 / 3%	2/0%	9/0%	43 / 2%	37 / 0%
2019	210 / 0%	69 / 0%	9/0%	31/0%	7 / 0%	200 / 0%	29 / 0%	214 / 0%	6/0%	37 / 0%	52 / 2%	275 / 1%
2020	117 / 0%	56 / 2%	4/0%	1/0%	3/0%	34 / 0%	5/0%	30 / 3%	3/0%	9/0%	19 / 0%	42 / 2%
2021	134 / 0%	139 / 0%	4/0%	17 / 0%	1/0%	175 / 0%	28 / 0%	98 / 0%	1/0%	30 / 0%	7 / 0%	175 / 0%
2022	60 / 0%	8/0%	3/0%	1/0%	1/0%	13 / 0%	1/0%	12 / 0%	1/0%	2/0%	0/0%	16 / 0%
2023	65 / 0%	12 / 0%	3/0%	0/0%	1/0%	3/0%	1/0%	2/0%	0/0%	0/0%	0/0%	7/0%
2024	13 / 0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	1144 / 0%	592 / 1%	97 / 0%	387 / 1%	72 / 1%	1246 / 2%	385 / 2%	2043 / 3%	110/3%	310/3%	872 / 3%	2354 / 3%

Model Year Station 092045 Station 050059 Station 096229 1996 4/0% 7/14% 2/0% 1997 8/38% 11/9% 7/29% 1998 3/0% 1/0% 3/33% 1999 24/4% 22/5% 17/0% 2000 2/0% 6/0% 1/0% 2001 16/0% 29/10% 24/0% 2002 4/0% 15/7% 9/11% 2003 42/2% 48/4% 55/2% 2004 7/29% 23/4% 5/0% 2005 43/9% 56/2% 58/5% 2006 8/50% 16/0% 16/6% 2007 46/2% 58/7% 90/7% 2008 12/0% 22/0% 15/0% 2009 36/0% 53/4% 86/1% 2010 6/17% 16/6% 7/0% 2011 55/5% 63/3% 109/4% 2012 5/0% 21/0% 17/0% 2013 <	-5 (5 -7)	iitial Test V	olume and	l Failure Ra	ite by Mod	el Year an	d Test Stat	ion	
092045 050059 096229 1996 4/0% 7/14% 2/0% 1997 8/38% 11/9% 7/29% 1998 3/0% 1/0% 3/33% 1999 24/4% 22/5% 17/0% 2000 2/0% 6/0% 1/0% 2001 16/0% 29/10% 24/0% 2002 4/0% 15/7% 9/11% 2003 42/2% 48/4% 55/2% 2004 7/29% 23/4% 5/0% 2005 43/9% 56/2% 58/5% 2006 8/50% 16/0% 16/6% 2007 46/2% 58/7% 90/7% 2008 12/0% 22/0% 15/0% 2009 36/0% 53/4% 86/1% 2010 6/17% 16/6% 7/0% 2011 55/5% 63/3% 109/4% 2012 5/0% 21/0% 17/0% 2013 92/3% 108/2% 15	Station	Station	Station	Station	Station	Station	Station	Station	Station
1997 8/38% 11/9% 7/29% 1998 3/0% 1/0% 3/33% 1999 24/4% 22/5% 17/0% 2000 2/0% 6/0% 1/0% 2001 16/0% 29/10% 24/0% 2002 4/0% 15/7% 9/11% 2003 42/2% 48/4% 55/2% 2004 7/29% 23/4% 5/0% 2005 43/9% 56/2% 58/5% 2006 8/50% 16/0% 16/6% 2007 46/2% 58/7% 90/7% 2008 12/0% 22/0% 15/0% 2009 36/0% 53/4% 86/1% 2010 6/17% 16/6% 7/0% 2011 55/5% 63/3% 109/4% 2012 5/0% 21/0% 17/0% 2013 92/3% 108/2% 153/3% 2014 9/0% 28/4% 26/0% 2015 95/1% 122/2% 198/2% 2016 18/6% 22/0% 21/0% <td>050011</td> <td>115146</td> <td>096010</td> <td>096504</td> <td>115260</td> <td>050105</td> <td>050256</td> <td>115249</td> <td>096206</td>	050011	115146	096010	096504	115260	050105	050256	115249	096206
1998 3 / 0% 1 / 0% 3 / 33% 1999 24 / 4% 22 / 5% 17 / 0% 2000 2 / 0% 6 / 0% 1 / 0% 2001 16 / 0% 29 / 10% 24 / 0% 2002 4 / 0% 15 / 7% 9 / 11% 2003 42 / 2% 48 / 4% 55 / 2% 2004 7 / 29% 23 / 4% 5 / 0% 2005 43 / 9% 56 / 2% 58 / 5% 2006 8 / 50% 16 / 0% 16 / 6% 2007 46 / 2% 58 / 7% 90 / 7% 2008 12 / 0% 22 / 0% 15 / 0% 2009 36 / 0% 53 / 4% 86 / 1% 2010 6 / 17% 16 / 6% 7 / 0% 2011 55 / 5% 63 / 3% 109 / 4% 2012 5 / 0% 21 / 0% 17 / 0% 2013 92 / 3% 108 / 2% 153 / 3% 2014 9 / 0% 28 / 4% 26 / 0% 2015 95 / 1% 122 / 2% 198 / 2% 2016 18 / 6% 22 / 0% 21 / 0% </td <td>4/0%</td> <td>2/0%</td> <td>1/0%</td> <td>1/0%</td> <td>9/0%</td> <td>4 / 25%</td> <td>1/0%</td> <td>9/0%</td> <td>1/0%</td>	4/0%	2/0%	1/0%	1/0%	9/0%	4 / 25%	1/0%	9/0%	1/0%
1999 24/4% 22/5% 17/0% 2000 2/0% 6/0% 1/0% 2001 16/0% 29/10% 24/0% 2002 4/0% 15/7% 9/11% 2003 42/2% 48/4% 55/2% 2004 7/29% 23/4% 5/0% 2005 43/9% 56/2% 58/5% 2006 8/50% 16/0% 16/6% 2007 46/2% 58/7% 90/7% 2008 12/0% 22/0% 15/0% 2009 36/0% 53/4% 86/1% 2010 6/17% 16/6% 7/0% 2011 55/5% 63/3% 109/4% 2012 5/0% 21/0% 17/0% 2013 92/3% 108/2% 153/3% 2014 9/0% 28/4% 26/0% 2015 95/1% 122/2% 198/2% 2016 18/6% 22/0% 21/0% 2017 97/1% 115/1% 177/1% 2018 14/7% 19/0% 21/0%	14 / 14%	9/0%	5/0%	4/0%	31 / 3%	10 / 0%	9/0%	38 / 0%	6/17%
2000 2 / 0% 6 / 0% 1 / 0% 2001 16 / 0% 29 / 10% 24 / 0% 2002 4 / 0% 15 / 7% 9 / 11% 2003 42 / 2% 48 / 4% 55 / 2% 2004 7 / 29% 23 / 4% 5 / 0% 2005 43 / 9% 56 / 2% 58 / 5% 2006 8 / 50% 16 / 0% 16 / 6% 2007 46 / 2% 58 / 7% 90 / 7% 2008 12 / 0% 22 / 0% 15 / 0% 2009 36 / 0% 53 / 4% 86 / 1% 2010 6 / 17% 16 / 6% 7 / 0% 2011 55 / 5% 63 / 3% 109 / 4% 2012 5 / 0% 21 / 0% 17 / 0% 2013 92 / 3% 108 / 2% 153 / 3% 2014 9 / 0% 28 / 4% 26 / 0% 2015 95 / 1% 122 / 2% 198 / 2% 2016 18 / 6% 22 / 0% 21 / 0% 2017 97 / 1% 115 /	10 / 20%	14 / 0%	2/0%	0/0%	12 / 0%	1/0%	8/12%	24 / 0%	3/0%
2001 16/0% 29/10% 24/0% 2002 4/0% 15/7% 9/11% 2003 42/2% 48/4% 55/2% 2004 7/29% 23/4% 5/0% 2005 43/9% 56/2% 58/5% 2006 8/50% 16/0% 16/6% 2007 46/2% 58/7% 90/7% 2008 12/0% 22/0% 15/0% 2009 36/0% 53/4% 86/1% 2010 6/17% 16/6% 7/0% 2011 55/5% 63/3% 109/4% 2012 5/0% 21/0% 17/0% 2013 92/3% 108/2% 153/3% 2014 9/0% 28/4% 26/0% 2015 95/1% 122/2% 198/2% 2016 18/6% 22/0% 21/0% 2017 97/1% 115/1% 177/1% 2018 14/7% 19/0% 21/0% 2020 11/0%	44 / 14%	24 / 0%	19 / 0%	13 / 23%	41 / 0%	5/0%	11/0%	92 / 0%	7 / 29%
2002 4 / 0% 15 / 7% 9 / 11% 2003 42 / 2% 48 / 4% 55 / 2% 2004 7 / 29% 23 / 4% 5 / 0% 2005 43 / 9% 56 / 2% 58 / 5% 2006 8 / 50% 16 / 0% 16 / 6% 2007 46 / 2% 58 / 7% 90 / 7% 2008 12 / 0% 22 / 0% 15 / 0% 2009 36 / 0% 53 / 4% 86 / 1% 2010 6 / 17% 16 / 6% 7 / 0% 2011 55 / 5% 63 / 3% 109 / 4% 2012 5 / 0% 21 / 0% 17 / 0% 2013 92 / 3% 108 / 2% 153 / 3% 2014 9 / 0% 28 / 4% 26 / 0% 2015 95 / 1% 122 / 2% 198 / 2% 2016 18 / 6% 22 / 0% 21 / 0% 2017 97 / 1% 115 / 1% 177 / 1% 2018 14 / 7% 19 / 0% 21 / 0% 2019 78 / 0% 13	15 / 20%	13 / 8%	8/0%	1/0%	25 / 0%	5 / 40%	9/11%	44 / 0%	1/0%
2003 42 / 2% 48 / 4% 55 / 2% 2004 7 / 29% 23 / 4% 5 / 0% 2005 43 / 9% 56 / 2% 58 / 5% 2006 8 / 50% 16 / 0% 16 / 6% 2007 46 / 2% 58 / 7% 90 / 7% 2008 12 / 0% 22 / 0% 15 / 0% 2009 36 / 0% 53 / 4% 86 / 1% 2010 6 / 17% 16 / 6% 7 / 0% 2011 55 / 5% 63 / 3% 109 / 4% 2012 5 / 0% 21 / 0% 17 / 0% 2013 92 / 3% 108 / 2% 153 / 3% 2014 9 / 0% 28 / 4% 26 / 0% 2015 95 / 1% 122 / 2% 198 / 2% 2016 18 / 6% 22 / 0% 21 / 0% 2017 97 / 1% 115 / 1% 177 / 1% 2018 14 / 7% 19 / 0% 21 / 0% 2019 78 / 0% 133 / 0% 158 / 0% 2020 11 / 0% 12 / 0% 27 / 0% 2021 29 / 0% 70 / 0%	35 / 6%	37 / 0%	21 / 5%	22 / 9%	67 / 1%	20 / 10%	15 / 0%	126 / 2%	16 / 12%
2004 7/29% 23/4% 5/0% 2005 43/9% 56/2% 58/5% 2006 8/50% 16/0% 16/6% 2007 46/2% 58/7% 90/7% 2008 12/0% 22/0% 15/0% 2009 36/0% 53/4% 86/1% 2010 6/17% 16/6% 7/0% 2011 55/5% 63/3% 109/4% 2012 5/0% 21/0% 17/0% 2013 92/3% 108/2% 153/3% 2014 9/0% 28/4% 26/0% 2015 95/1% 122/2% 198/2% 2016 18/6% 22/0% 21/0% 2017 97/1% 115/1% 177/1% 2018 14/7% 19/0% 21/0% 2019 78/0% 133/0% 158/0% 2020 11/0% 12/0% 27/0% 2021 29/0% 70/0% 105/0%	13 / 0%	34 / 0%	5 / 20%	6/0%	24 / 0%	7 / 43%	2/0%	89 / 1%	0/0%
2005 43/9% 56/2% 58/5% 2006 8/50% 16/0% 16/6% 2007 46/2% 58/7% 90/7% 2008 12/0% 22/0% 15/0% 2009 36/0% 53/4% 86/1% 2010 6/17% 16/6% 7/0% 2011 55/5% 63/3% 109/4% 2012 5/0% 21/0% 17/0% 2013 92/3% 108/2% 153/3% 2014 9/0% 28/4% 26/0% 2015 95/1% 122/2% 198/2% 2016 18/6% 22/0% 21/0% 2017 97/1% 115/1% 177/1% 2018 14/7% 19/0% 21/0% 2019 78/0% 133/0% 158/0% 2020 11/0% 12/0% 27/0% 2021 29/0% 70/0% 105/0%	57 / 9%	81 / 1%	30 / 7%	29 / 10%	107 / 0%	26 / 12%	42 / 2%	157 / 1%	31 / 3%
2006 8 / 50% 16 / 0% 16 / 6% 2007 46 / 2% 58 / 7% 90 / 7% 2008 12 / 0% 22 / 0% 15 / 0% 2009 36 / 0% 53 / 4% 86 / 1% 2010 6 / 17% 16 / 6% 7 / 0% 2011 55 / 5% 63 / 3% 109 / 4% 2012 5 / 0% 21 / 0% 17 / 0% 2013 92 / 3% 108 / 2% 153 / 3% 2014 9 / 0% 28 / 4% 26 / 0% 2015 95 / 1% 122 / 2% 198 / 2% 2016 18 / 6% 22 / 0% 21 / 0% 2017 97 / 1% 115 / 1% 177 / 1% 2018 14 / 7% 19 / 0% 21 / 0% 2019 78 / 0% 133 / 0% 158 / 0% 2020 11 / 0% 12 / 0% 27 / 0% 2021 29 / 0% 70 / 0% 105 / 0%	26 / 0%	73 / 3%	9/11%	9/11%	52 / 0%	10 / 0%	5/0%	103 / 0%	2/0%
2007 46 / 2% 58 / 7% 90 / 7% 2008 12 / 0% 22 / 0% 15 / 0% 2009 36 / 0% 53 / 4% 86 / 1% 2010 6 / 17% 16 / 6% 7 / 0% 2011 55 / 5% 63 / 3% 109 / 4% 2012 5 / 0% 21 / 0% 17 / 0% 2013 92 / 3% 108 / 2% 153 / 3% 2014 9 / 0% 28 / 4% 26 / 0% 2015 95 / 1% 122 / 2% 198 / 2% 2016 18 / 6% 22 / 0% 21 / 0% 2017 97 / 1% 115 / 1% 177 / 1% 2018 14 / 7% 19 / 0% 21 / 0% 2019 78 / 0% 133 / 0% 158 / 0% 2020 11 / 0% 12 / 0% 27 / 0% 2021 29 / 0% 70 / 0% 105 / 0%	67 / 1%	138 / 1%	52 / 6%	41 / 10%	137 / 1%	28 / 11%	32 / 6%	268 / 1%	29 / 10%
2008 12/0% 22/0% 15/0% 2009 36/0% 53/4% 86/1% 2010 6/17% 16/6% 7/0% 2011 55/5% 63/3% 109/4% 2012 5/0% 21/0% 17/0% 2013 92/3% 108/2% 153/3% 2014 9/0% 28/4% 26/0% 2015 95/1% 122/2% 198/2% 2016 18/6% 22/0% 21/0% 2017 97/1% 115/1% 177/1% 2018 14/7% 19/0% 21/0% 2019 78/0% 133/0% 158/0% 2020 11/0% 12/0% 27/0% 2021 29/0% 70/0% 105/0%	30 / 0%	115 / 0%	10 / 0%	21 / 0%	76 / 0%	6/0%	10 / 0%	119 / 0%	13 / 0%
2009 36 / 0% 53 / 4% 86 / 1% 2010 6 / 17% 16 / 6% 7 / 0% 2011 55 / 5% 63 / 3% 109 / 4% 2012 5 / 0% 21 / 0% 17 / 0% 2013 92 / 3% 108 / 2% 153 / 3% 2014 9 / 0% 28 / 4% 26 / 0% 2015 95 / 1% 122 / 2% 198 / 2% 2016 18 / 6% 22 / 0% 21 / 0% 2017 97 / 1% 115 / 1% 177 / 1% 2018 14 / 7% 19 / 0% 21 / 0% 2019 78 / 0% 133 / 0% 158 / 0% 2020 11 / 0% 12 / 0% 27 / 0% 2021 29 / 0% 70 / 0% 105 / 0%	70 / 3%	223 / 1%	76 / 4%	63 / 8%	212 / 1%	33 / 9%	48 / 2%	311 / 0%	36 / 3%
2010 6/17% 16/6% 7/0% 2011 55/5% 63/3% 109/4% 2012 5/0% 21/0% 17/0% 2013 92/3% 108/2% 153/3% 2014 9/0% 28/4% 26/0% 2015 95/1% 122/2% 198/2% 2016 18/6% 22/0% 21/0% 2017 97/1% 115/1% 177/1% 2018 14/7% 19/0% 21/0% 2019 78/0% 133/0% 158/0% 2020 11/0% 12/0% 27/0% 2021 29/0% 70/0% 105/0%	45 / 9%	189 / 0%	10 / 10%	16 / 12%	94 / 3%	9 / 22%	9/11%	152 / 1%	8/0%
2011 55/5% 63/3% 109/4% 2012 5/0% 21/0% 17/0% 2013 92/3% 108/2% 153/3% 2014 9/0% 28/4% 26/0% 2015 95/1% 122/2% 198/2% 2016 18/6% 22/0% 21/0% 2017 97/1% 115/1% 177/1% 2018 14/7% 19/0% 21/0% 2019 78/0% 133/0% 158/0% 2020 11/0% 12/0% 27/0% 2021 29/0% 70/0% 105/0%	62 / 2%	220 / 0%	80 / 8%	58 / 5%	144 / 1%	38 / 3%	35 / 6%	218 / 0%	42 / 7%
2012 5 / 0% 21 / 0% 17 / 0% 2013 92 / 3% 108 / 2% 153 / 3% 2014 9 / 0% 28 / 4% 26 / 0% 2015 95 / 1% 122 / 2% 198 / 2% 2016 18 / 6% 22 / 0% 21 / 0% 2017 97 / 1% 115 / 1% 177 / 1% 2018 14 / 7% 19 / 0% 21 / 0% 2019 78 / 0% 133 / 0% 158 / 0% 2020 11 / 0% 12 / 0% 27 / 0% 2021 29 / 0% 70 / 0% 105 / 0%	33 / 3%	231 / 0%	15 / 13%	12 / 17%	78 / 1%	11 / 9%	6/0%	120 / 2%	11 / 9%
2013 92/3% 108/2% 153/3% 2014 9/0% 28/4% 26/0% 2015 95/1% 122/2% 198/2% 2016 18/6% 22/0% 21/0% 2017 97/1% 115/1% 177/1% 2018 14/7% 19/0% 21/0% 2019 78/0% 133/0% 158/0% 2020 11/0% 12/0% 27/0% 2021 29/0% 70/0% 105/0%	60 / 3%	308 / 0%	102 / 6%	99 / 3%	163 / 0%	51 / 6%	34 / 3%	208 / 0%	40 / 8%
2014 9 / 0% 28 / 4% 26 / 0% 2015 95 / 1% 122 / 2% 198 / 2% 2016 18 / 6% 22 / 0% 21 / 0% 2017 97 / 1% 115 / 1% 177 / 1% 2018 14 / 7% 19 / 0% 21 / 0% 2019 78 / 0% 133 / 0% 158 / 0% 2020 11 / 0% 12 / 0% 27 / 0% 2021 29 / 0% 70 / 0% 105 / 0%	40 / 2%	294 / 0%	23 / 13%	19 / 5%	84 / 0%	13 / 8%	4/0%	103 / 0%	4/0%
2015 95 / 1% 122 / 2% 198 / 2% 2016 18 / 6% 22 / 0% 21 / 0% 2017 97 / 1% 115 / 1% 177 / 1% 2018 14 / 7% 19 / 0% 21 / 0% 2019 78 / 0% 133 / 0% 158 / 0% 2020 11 / 0% 12 / 0% 27 / 0% 2021 29 / 0% 70 / 0% 105 / 0%	67 / 1%	353 / 0%	148 / 5%	161 / 2%	195 / 1%	50 / 8%	35 / 0%	209 / 1%	71 / 7%
2016 18/6% 22/0% 21/0% 2017 97/1% 115/1% 177/1% 2018 14/7% 19/0% 21/0% 2019 78/0% 133/0% 158/0% 2020 11/0% 12/0% 27/0% 2021 29/0% 70/0% 105/0%	36 / 3%	317 / 1%	28 / 7%	23 / 9%	79 / 0%	17 / 0%	2/0%	77 / 0%	10 / 20%
2016 18 / 6% 22 / 0% 21 / 0% 2017 97 / 1% 115 / 1% 177 / 1% 2018 14 / 7% 19 / 0% 21 / 0% 2019 78 / 0% 133 / 0% 158 / 0% 2020 11 / 0% 12 / 0% 27 / 0% 2021 29 / 0% 70 / 0% 105 / 0%	72 / 0%	302 / 0%	215 / 2%	151 / 1%	163 / 1%	53 / 4%	42 / 0%	136 / 1%	62 / 5%
2018 14/7% 19/0% 21/0% 2019 78/0% 133/0% 158/0% 2020 11/0% 12/0% 27/0% 2021 29/0% 70/0% 105/0%	25 / 0%	179 / 0%	17 / 0%	13 / 8%	49 / 0%	9 / 0%	3/0%	32 / 0%	9/0%
2019 78 / 0% 133 / 0% 158 / 0% 2020 11 / 0% 12 / 0% 27 / 0% 2021 29 / 0% 70 / 0% 105 / 0%	56 / 2%	151 / 1%	210 / 3%	171 / 1%	98 / 1%	76 / 1%	41 / 0%	82 / 0%	50 / 8%
2020 11 / 0% 12 / 0% 27 / 0% 2021 29 / 0% 70 / 0% 105 / 0%	8/12%	73 / 0%	23 / 0%	26 / 4%	32 / 0%	8/0%	3/0%	17 / 0%	11/0%
2020 11 / 0% 12 / 0% 27 / 0% 2021 29 / 0% 70 / 0% 105 / 0%	39 / 0%	74 / 0%	177 / 1%	122 / 1%	77 / 0%	41 / 0%	28 / 0%	40 / 0%	53 / 0%
2021 29 / 0% 70 / 0% 105 / 0%	7/0%	30 / 0%	24 / 0%	15 / 0%	14 / 0%	3/0%	2/0%	9/0%	14 / 0%
	11/0%	45 / 0%	139 / 0%	81 / 0%	32 / 0%	18 / 0%	15 / 0%	18 / 0%	42 / 0%
2022 0/0% 4/0% 6/0%	3/0%	8/0%	9/0%	5/0%	2/0%	0/0%	1/0%	5/0%	0/0%
2023 1/0% 1/0% 2/0%	0/0%	2/0%	4/0%	1/0%	0/0%	0/0%	0/0%	1/0%	1/0%
2024 0/0% 0/0% 0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total 765 / 4% 1101 / 2% 1415 / 2%			1462 / 3%	_			452 / 2%	2807 / 0%	573 / 5%

		Att	achment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year an	d Test Stat	ion	
Madal Vacu	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	092048	096006	096213	050133	096008	096916	296118	115317	096736	096779	092058	092134
1996	0/0%	5 / 40%	2/0%	1/0%	1/0%	4/0%	2/0%	0/0%	1/0%	1/0%	1/0%	4/0%
1997	2/0%	20 / 25%	14 / 0%	4/0%	12 / 8%	6/0%	9/0%	3/0%	15 / 0%	9/11%	14 / 0%	6/0%
1998	0/0%	6/17%	4/0%	5/0%	3/0%	1/0%	2/0%	1/0%	3/0%	9/11%	9/0%	3/0%
1999	5/0%	31 / 10%	28 / 0%	27 / 0%	20 / 10%	13 / 0%	23 / 13%	8 / 12%	9/0%	11/0%	40 / 0%	33 / 0%
2000	0/0%	15 / 13%	11/0%	5 / 0%	2/0%	4 / 25%	8/12%	3/0%	1/0%	3/0%	8 / 25%	8/0%
2001	10 / 10%	47 / 19%	31/6%	15 / 0%	26 / 4%	22 / 18%	30 / 3%	18 / 0%	22 / 0%	18 / 6%	54 / 7%	34 / 3%
2002	2/0%	27 / 11%	13 / 0%	11/0%	10 / 20%	4/0%	8/0%	4 / 50%	4/0%	9 / 22%	12 / 0%	6/17%
2003	14 / 7%	68 / 9%	41 / 2%	23 / 4%	39 / 8%	44 / 14%	46 / 9%	12 / 17%	24 / 0%	25 / 0%	79 / 8%	48 / 6%
2004	8 / 25%	39 / 8%	11 / 9%	17 / 0%	9/0%	10 / 0%	12 / 17%	7/0%	6/0%	7/0%	9/11%	17 / 0%
2005	18 / 17%	85 / 5%	58 / 3%	38 / 0%	61 / 7%	72 / 15%	74 / 3%	22 / 0%	36 / 0%	45 / 4%	103 / 4%	69 / 7%
2006	3/0%	40 / 5%	6/0%	20 / 0%	14 / 0%	13 / 15%	13 / 31%	13 / 23%	8/0%	17 / 0%	14 / 21%	10 / 0%
2007	18 / 0%	104 / 6%	58 / 3%	28 / 0%	85 / 6%	104 / 5%	82 / 6%	33 / 6%	56 / 0%	42 / 2%	123 / 3%	87 / 0%
2008	10 / 20%	44 / 18%	23 / 0%	16 / 6%	26 / 12%	14 / 7%	18 / 17%	4/0%	9/0%	9/0%	16 / 6%	32 / 0%
2009	17 / 0%	84 / 8%	56 / 0%	23 / 0%	73 / 0%	116 / 5%	75 / 1%	31/0%	37 / 0%	28 / 4%	115 / 0%	54 / 2%
2010	8 / 12%	31/3%	14 / 0%	12 / 0%	30 / 0%	33 / 3%	12 / 0%	5 / 20%	5/0%	12 / 0%	17 / 0%	41 / 0%
2011	27 / 4%	78 / 5%	56 / 2%	38 / 3%	87 / 5%	189 / 2%	104 / 3%	38 / 3%	44 / 0%	56 / 2%	175 / 2%	85 / 2%
2012	7/0%	43 / 7%	13 / 15%	17 / 0%	23 / 0%	37 / 5%	18 / 17%	13 / 0%	3/0%	16 / 0%	24 / 4%	32 / 3%
2013	33 / 6%	102 / 4%	86 / 1%	46 / 0%	150 / 1%	311 / 1%	146 / 1%	51 / 2%	54 / 0%	46 / 0%	215 / 2%	96 / 3%
2014	12 / 8%	38 / 3%	13 / 0%	19 / 0%	38 / 0%	47 / 2%	33 / 3%	16 / 6%	9/0%	8/0%	32 / 6%	27 / 0%
2015	51 / 4%	84 / 5%	80 / 0%	38 / 0%	132 / 0%	344 / 1%	162 / 1%	37 / 0%	52 / 0%	54 / 0%	233 / 1%	109 / 1%
2016	7/0%	24 / 4%	6/0%	13 / 0%	21/0%	59 / 0%	30 / 3%	11/0%	11/0%	11/0%	37 / 0%	11 / 0%
2017	38 / 0%	78 / 8%	67 / 3%	31/0%	109 / 0%	323 / 1%	181 / 1%	46 / 2%	43 / 0%	54 / 0%	236 / 0%	89 / 2%
2018	10 / 0%	21/0%	10 / 0%	5/0%	20 / 0%	57 / 2%	18 / 0%	9/0%	4/0%	8/0%	24 / 4%	14 / 0%
2019	37 / 0%	60 / 3%	42 / 0%	27 / 0%	113 / 0%	333 / 0%	127 / 0%	37 / 0%	29 / 0%	38 / 0%	181 / 0%	70 / 1%
2020	3/0%	14 / 0%	12 / 0%	3/0%	15 / 0%	60 / 0%	19 / 0%	4/0%	6/0%	6/0%	23 / 4%	7 / 0%
2021	27 / 0%	21 / 0%	25 / 0%	16 / 0%	61/0%	223 / 0%	71 / 0%	15 / 0%	27 / 0%	22 / 0%	96 / 0%	31 / 0%
2022	1/0%	4/0%	1/0%	5/0%	8/0%	23 / 0%	1/0%	0/0%	1/0%	2/0%	9/0%	8/0%
2023	0/0%	2/0%	1/0%	1/0%	2/0%	2/0%	1/0%	1/0%	0/0%	2/0%	3/0%	2/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	368 / 4%	1215 / 7%	782 / 2%	504 / 1%	1190 / 2%	2468 / 2%	1325 / 3%	442 / 3%	519/0%	568 / 2%	1902 / 2%	1033 / 2%

		Att	achment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	el Year an	d Test Stat	ion	
Model Year	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
iviodei Year	050174	096038	096172	096212	096190	096294	096628	096745	096553	096500	115226	096214
1996	1/0%	8 / 12%	0/0%	4 / 25%	1/100%	0/0%	2/0%	3/0%	0/0%	2/0%	0/0%	0/0%
1997	7 / 0%	61 / 2%	6/0%	5 / 20%	4/0%	1/0%	3 / 33%	10 / 0%	2/0%	8/0%	5/0%	6/33%
1998	2/0%	31 / 3%	3/0%	0/0%	0/0%	0/0%	0/0%	4 / 50%	1/0%	1/0%	2/0%	1/0%
1999	12 / 8%	92 / 1%	8/0%	8 / 25%	6/0%	7 / 14%	1/0%	17 / 6%	6/0%	6/0%	8/0%	18 / 17%
2000	6/0%	57 / 5%	5/0%	4/0%	1/0%	4/0%	0/0%	2/0%	2/0%	7 / 29%	6 / 17%	1/0%
2001	16 / 0%	153 / 2%	15 / 0%	14 / 14%	19 / 21%	7 / 14%	10 / 30%	27 / 4%	9/0%	10 / 10%	14 / 0%	13 / 8%
2002	3/0%	81 / 1%	3/0%	1/0%	0/0%	3/0%	3/0%	8/12%	1/0%	4/0%	6/0%	3 / 67%
2003	25 / 0%	211 / 1%	31 / 3%	16 / 19%	13 / 15%	12 / 17%	17 / 24%	38 / 3%	7 / 0%	19 / 21%	19 / 11%	26 / 12%
2004	9 / 33%	123 / 2%	4/0%	11 / 9%	12 / 8%	3 / 33%	7 / 14%	9/11%	2/0%	5/0%	6/0%	17 / 18%
2005	30 / 7%	261 / 2%	40 / 0%	33 / 15%	22 / 18%	21 / 10%	23 / 4%	58 / 3%	17 / 6%	41 / 5%	29 / 3%	48 / 6%
2006	10 / 0%	163 / 1%	12 / 8%	14 / 7%	10 / 20%	6 / 17%	4 / 25%	10 / 0%	3/0%	18 / 0%	8 / 25%	8 / 12%
2007	47 / 2%	395 / 2%	58 / 2%	38 / 0%	20 / 20%	26 / 8%	26 / 8%	72 / 6%	21 / 5%	59 / 3%	48 / 19%	71 / 11%
2008	9 / 0%	186 / 2%	11 / 0%	8/0%	6 / 50%	12 / 33%	9/0%	13 / 8%	7 / 0%	10 / 10%	20 / 10%	9 / 22%
2009	30 / 7%	308 / 1%	40 / 0%	43 / 7%	24 / 17%	31 / 3%	25 / 8%	72 / 6%	18 / 6%	63 / 6%	50 / 10%	67 / 7%
2010	6/0%	155 / 1%	10 / 10%	14 / 7%	6/17%	7 / 0%	8 / 12%	20 / 0%	10 / 0%	11/9%	14 / 0%	18 / 11%
2011	32 / 6%	327 / 2%	49 / 2%	64 / 5%	39 / 10%	53 / 0%	26 / 0%	74 / 1%	35 / 0%	59 / 5%	61 / 8%	103 / 5%
2012	14 / 0%	114 / 0%	12 / 0%	15 / 13%	13 / 23%	20 / 5%	18 / 0%	12 / 0%	10 / 10%	20 / 10%	18 / 6%	18 / 0%
2013	46 / 2%	376 / 1%	53 / 0%	131 / 3%	33 / 12%	52 / 2%	66 / 0%	108 / 0%	51 / 0%	99 / 5%	90 / 3%	155 / 1%
2014	10 / 0%	115 / 1%	11/0%	25 / 4%	14 / 14%	17 / 0%	18 / 0%	18 / 0%	8/0%	27 / 7%	26 / 4%	41 / 2%
2015	49 / 2%	291 / 1%	60 / 0%	128 / 2%	46 / 7%	88 / 3%	80 / 2%	142 / 1%	74 / 1%	104 / 0%	114 / 3%	186 / 2%
2016	6/0%	85 / 0%	11 / 0%	32 / 3%	10 / 10%	23 / 4%	29 / 0%	14 / 0%	14 / 0%	22 / 0%	33 / 3%	39 / 3%
2017	52 / 2%	244 / 2%	65 / 0%	166 / 1%	27 / 0%	91 / 1%	86 / 2%	134 / 2%	68 / 1%	126 / 0%	107 / 3%	231 / 0%
2018	5/0%	63 / 0%	11 / 0%	19 / 0%	7 / 0%	25 / 0%	20 / 0%	13 / 0%	12 / 0%	22 / 5%	12 / 0%	48 / 0%
2019	37 / 0%	179 / 2%	48 / 0%	152 / 0%	28 / 11%	79 / 0%	80 / 0%	114 / 0%	67 / 1%	81 / 2%	97 / 2%	178 / 0%
2020	1/0%	41/0%	7 / 0%	18 / 0%	2/0%	19 / 0%	16 / 0%	12 / 0%	13 / 0%	17 / 0%	18 / 0%	72 / 0%
2021	24 / 0%	64 / 0%	28 / 0%	107 / 1%	12 / 0%	71 / 0%	49 / 0%	64 / 0%	41 / 0%	56 / 0%	59 / 0%	138 / 1%
2022	1/0%	6/0%	1/0%	7 / 0%	2/0%	14 / 0%	6/0%	4 / 0%	5 / 0%	6/0%	9/0%	50 / 0%
2023	1/0%	2/0%	2/0%	8/0%	0/0%	12 / 0%	2/0%	1/0%	2/0%	2/0%	2/0%	12 / 0%
2024	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	1/0%	0/0%
Total	491 / 3%	4193 / 1%	604 / 1%	1085 / 3%	377 / 12%	704 / 3%	634 / 3%	1073 / 2%	506 / 1%	905 / 4%	882 / 5%	1577 / 3%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	el Year an	d Test Stat	ion	
Model Year	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
iviouei reai	096789	050069	096071	115616	050155	096262	096319	050140	096429	092184	115048	096857
1996	0/0%	2/0%	3 / 67%	8/0%	3/0%	1/0%	0/0%	2/0%	1/0%	2/0%	0/0%	1/0%
1997	5/0%	7 / 0%	14 / 7%	26 / 19%	30 / 3%	8/0%	8/0%	3 / 33%	6/0%	4/0%	8/0%	11 / 18%
1998	5 / 20%	1/0%	7/0%	18 / 6%	2/0%	0/0%	3/0%	5/0%	2 / 50%	1/0%	4/0%	2/0%
1999	18 / 0%	11/0%	29 / 0%	48 / 6%	30 / 0%	23 / 0%	17 / 6%	8/0%	18 / 0%	7 / 14%	10 / 0%	14 / 7%
2000	3/0%	6/0%	10 / 30%	19 / 11%	14 / 0%	2/0%	7 / 29%	7 / 0%	4/0%	4/0%	5/0%	2/0%
2001	17 / 6%	21 / 10%	47 / 6%	62 / 6%	45 / 0%	13 / 0%	14 / 0%	12 / 25%	25 / 8%	15 / 7%	14 / 0%	22 / 9%
2002	5 / 0%	3/0%	17 / 0%	34 / 6%	12 / 0%	8/0%	3/0%	8/0%	5/0%	5/0%	7 / 29%	8 / 12%
2003	31/3%	22 / 0%	65 / 11%	92 / 5%	68 / 3%	33 / 3%	32 / 3%	40 / 5%	35 / 9%	13 / 8%	22 / 18%	27 / 0%
2004	2/0%	0/0%	18 / 11%	30 / 10%	18 / 0%	13 / 0%	7 / 14%	14 / 7%	11 / 0%	6/0%	11 / 9%	11 / 9%
2005	27 / 4%	27 / 4%	87 / 2%	109 / 5%	89 / 0%	45 / 2%	42 / 0%	58 / 5%	43 / 9%	16 / 0%	25 / 16%	43 / 14%
2006	14 / 7%	7/0%	27 / 7%	54 / 9%	21/0%	13 / 0%	4/0%	10 / 10%	8 / 12%	3/0%	20 / 20%	22 / 0%
2007	38 / 0%	35 / 3%	140 / 3%	127 / 2%	118 / 0%	62 / 2%	53 / 2%	73 / 4%	50 / 4%	27 / 4%	40 / 10%	51/8%
2008	8/0%	0/0%	42 / 7%	58 / 5%	32 / 0%	11 / 0%	11 / 0%	19 / 5%	13 / 0%	7 / 14%	24 / 17%	10 / 0%
2009	36 / 3%	23 / 4%	130 / 2%	126 / 5%	93 / 0%	65 / 6%	59 / 3%	66 / 3%	44 / 9%	33 / 3%	33 / 9%	63 / 3%
2010	24 / 0%	4/0%	39 / 5%	24 / 8%	18 / 0%	10 / 0%	8/0%	21/0%	14 / 0%	7 / 29%	19 / 5%	12 / 0%
2011	48 / 0%	31 / 3%	186 / 4%	128 / 3%	128 / 0%	87 / 1%	76 / 0%	81 / 1%	68 / 6%	45 / 4%	72 / 8%	69 / 1%
2012	33 / 0%	1/0%	42 / 5%	48 / 4%	31 / 0%	9/0%	5/0%	18 / 6%	11 / 9%	10 / 0%	22 / 5%	19 / 5%
2013	63 / 0%	37 / 3%	240 / 2%	127 / 1%	194 / 1%	106 / 2%	105 / 2%	120 / 1%	56 / 0%	52 / 2%	71 / 1%	69 / 6%
2014	24 / 0%	5/0%	52 / 0%	46 / 0%	18 / 0%	20 / 0%	9/0%	15 / 0%	18 / 0%	12 / 8%	23 / 9%	16 / 0%
2015	72 / 1%	42 / 5%	278 / 2%	124 / 2%	197 / 0%	99 / 2%	127 / 1%	138 / 1%	73 / 3%	60 / 2%	109 / 8%	84 / 1%
2016	29 / 0%	4/0%	39 / 3%	28 / 7%	30 / 0%	10 / 0%	16 / 0%	29 / 0%	15 / 7%	4/0%	40 / 5%	22 / 0%
2017	61 / 0%	60 / 3%	251 / 2%	86 / 0%	192 / 0%	102 / 3%	147 / 2%	147 / 1%	54 / 4%	63 / 6%	99 / 5%	88 / 2%
2018	31 / 0%	4/0%	44 / 5%	20 / 0%	22 / 0%	11/0%	15 / 0%	23 / 0%	8/0%	6/0%	31/0%	16 / 0%
2019	47 / 0%	21/0%	200 / 1%	49 / 0%	149 / 0%	67 / 0%	122 / 1%	149 / 0%	45 / 0%	50 / 0%	90 / 0%	62 / 2%
2020	15 / 0%	2/0%	35 / 0%	11/0%	20 / 0%	4/0%	9/0%	18 / 0%	13 / 0%	8/0%	24 / 4%	14 / 0%
2021	33 / 0%	23 / 0%	118 / 1%	22 / 0%	106 / 0%	38 / 0%	68 / 0%	80 / 0%	30 / 0%	39 / 0%	52 / 0%	35 / 0%
2022	9/0%	0/0%	8/0%	1/0%	9/0%	5/0%	0/0%	10 / 0%	3/0%	0/0%	8/0%	4/0%
2023	6/0%	1/0%	4/0%	2/0%	1/0%	1/0%	3/0%	3/0%	2/0%	1/0%	4/0%	0/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	704 / 1%	400 / 3%	2172 / 3%	1527 / 4%	1690 / 0%	866 / 2%	970 / 2%	1177 / 2%	675 / 4%	500 / 3%	887 / 6%	797 / 4%

		Att	achment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	el Year an	d Test Stati	ion	
Model Veer	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	115075	092232	096091	096225	096456	096254	092256	096232	096335	115090	115042	096013
1996	0/0%	0/0%	0/0%	3/0%	0/0%	0/0%	0/0%	1/0%	0/0%	3 / 33%	0/0%	0/0%
1997	6/0%	9 / 22%	5/0%	7 / 0%	5 / 20%	4/0%	9/0%	8/12%	1/0%	7 / 14%	1/0%	2/0%
1998	0/0%	1/0%	1/0%	7 / 14%	0/0%	1/100%	2 / 50%	2/0%	1/0%	1/0%	0/0%	0/0%
1999	4/0%	23 / 13%	8/0%	20 / 0%	1/100%	10 / 0%	14 / 7%	7 / 0%	2/0%	14 / 14%	2 / 50%	3/0%
2000	0/0%	5 / 20%	4 / 0%	7 / 0%	1/0%	4/0%	8/0%	2/0%	2/0%	8/0%	1/100%	0/0%
2001	5 / 40%	28 / 7%	7 / 14%	24 / 12%	6/0%	21 / 10%	36 / 8%	13 / 23%	5/0%	18 / 6%	6/0%	4/0%
2002	2 / 50%	11 / 0%	2/0%	25 / 0%	0/0%	7 / 29%	5/0%	4/0%	1/0%	14 / 14%	2/0%	4/0%
2003	9/0%	48 / 6%	22 / 0%	43 / 0%	9/0%	24 / 4%	37 / 8%	24 / 8%	12 / 8%	30 / 0%	8/12%	7/0%
2004	6/0%	18 / 6%	5 / 20%	34 / 3%	5 / 20%	10 / 0%	17 / 0%	6/0%	1/0%	17 / 0%	3/0%	0/0%
2005	5/0%	69 / 6%	30 / 0%	88 / 2%	12 / 0%	48 / 0%	65 / 11%	48 / 6%	25 / 8%	42 / 2%	15 / 7%	12 / 0%
2006	5 / 20%	23 / 4%	9/11%	54 / 2%	8 / 25%	16 / 19%	10 / 20%	19 / 0%	6/0%	36 / 0%	7 / 14%	3/0%
2007	17 / 6%	93 / 6%	54 / 7%	101 / 0%	15 / 20%	71 / 3%	90 / 9%	66 / 0%	27 / 7%	74 / 0%	19 / 5%	18 / 0%
2008	8 / 12%	23 / 4%	11 / 0%	58 / 2%	3/0%	19 / 11%	34 / 12%	35 / 0%	4/0%	70 / 0%	9/11%	6/0%
2009	24 / 0%	79 / 1%	28 / 0%	92 / 0%	25 / 8%	68 / 3%	92 / 3%	74 / 3%	30 / 0%	67 / 3%	29 / 3%	36 / 3%
2010	13 / 0%	21/5%	14 / 0%	76 / 0%	3/0%	34 / 3%	24 / 8%	59 / 2%	9/0%	71 / 3%	12 / 0%	9/0%
2011	33 / 0%	124 / 5%	53 / 4%	133 / 0%	25 / 0%	119 / 1%	112 / 5%	126 / 1%	49 / 0%	100 / 3%	34 / 3%	62 / 2%
2012	15 / 0%	37 / 0%	10 / 0%	92 / 2%	5/0%	33 / 3%	48 / 2%	42 / 0%	17 / 0%	95 / 1%	27 / 4%	13 / 0%
2013	43 / 2%	183 / 3%	89 / 1%	140 / 1%	45 / 4%	190 / 0%	206 / 2%	181 / 2%	76 / 1%	112 / 2%	51 / 6%	126 / 3%
2014	25 / 4%	39 / 0%	20 / 0%	64 / 0%	10 / 0%	34 / 6%	41 / 2%	58 / 2%	21 / 5%	81 / 0%	11/9%	44 / 0%
2015	64 / 5%	196 / 3%	131 / 0%	103 / 0%	34 / 3%	255 / 2%	235 / 1%	151 / 3%	86 / 2%	102 / 1%	44 / 0%	203 / 0%
2016	27 / 0%	40 / 0%	13 / 0%	61/0%	6/0%	48 / 0%	38 / 5%	45 / 0%	19 / 0%	41 / 2%	14 / 0%	47 / 0%
2017	86 / 1%	253 / 2%	102 / 0%	77 / 0%	51 / 4%	235 / 0%	258 / 1%	182 / 1%	81 / 2%	35 / 6%	35 / 0%	289 / 1%
2018	22 / 0%	32 / 0%	18 / 6%	35 / 0%	8/0%	49 / 0%	36 / 0%	43 / 5%	9/11%	20 / 0%	10 / 0%	92 / 0%
2019	50 / 0%	239 / 0%	104 / 0%	34 / 0%	44 / 0%	183 / 1%	240 / 0%	154 / 2%	69 / 0%	15 / 7%	30 / 3%	408 / 0%
2020	15 / 0%	38 / 0%	11/0%	17 / 0%	6/0%	37 / 0%	36 / 0%	41 / 0%	12 / 0%	4/0%	11 / 0%	316 / 0%
2021	50 / 4%	116 / 0%	67 / 0%	18 / 0%	24 / 0%	127 / 0%	160 / 0%	113 / 0%	54 / 0%	6/0%	14 / 0%	653 / 0%
2022	8/0%	6/0%	7 / 0%	0/0%	3/0%	16 / 0%	16 / 0%	13 / 0%	14 / 0%	0/0%	7 / 0%	335 / 0%
2023	3/0%	2/0%	3/0%	0/0%	2/0%	5/0%	5/0%	3/0%	3/0%	3/0%	2/0%	75 / 0%
2024	0 / 0%	0/0%	0/0%	0/0%	0/0%	1/0%	1/0%	0/0%	0 / 0%	0/0%	0/0%	1/0%
Total	545 / 3%	1756 / 3%	828 / 1%	1413 / 1%	356 / 4%	1669 / 2%	1875 / 3%	1520 / 2%	636 / 2%	1086 / 2%	404 / 4%	2768 / 0%

		Att	tachment 1	5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	el Year an	d Test Stat	ion	
Model Year	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
woder Year	096164	096135	050190	092191	092080	050191	096125	096843	096284	096469	096036	096143
1996	0 / 0%	0/0%	5/0%	0/0%	0/0%	3/0%	1/0%	0/0%	1/0%	1/0%	0/0%	0/0%
1997	13 / 0%	11 / 0%	20 / 10%	2/0%	6/0%	28 / 7%	6/17%	4/0%	14 / 0%	5 / 20%	4 / 25%	3 / 33%
1998	3/0%	7/0%	11/9%	0/0%	3/0%	5/0%	1/100%	2/0%	5/0%	3/0%	0/0%	0/0%
1999	19 / 0%	19 / 5%	44 / 7%	2/0%	11/0%	33 / 0%	10 / 20%	8/0%	22 / 9%	18 / 0%	1/0%	4/0%
2000	2/0%	7 / 0%	18 / 6%	2/0%	5/0%	12 / 0%	2/0%	4/0%	0/0%	3/0%	0/0%	2/0%
2001	23 / 0%	26 / 0%	71 / 8%	3/0%	16 / 0%	36 / 3%	17 / 6%	11/0%	28 / 4%	29 / 3%	4/0%	4/0%
2002	11/0%	31/0%	24 / 12%	7/0%	4 / 0%	11/0%	6/0%	7 / 14%	8/0%	7/0%	3/0%	0/0%
2003	29 / 0%	50 / 2%	69 / 10%	6/17%	15 / 7%	60 / 2%	32 / 0%	29 / 0%	42 / 5%	39 / 10%	16 / 0%	14 / 0%
2004	12 / 8%	33 / 3%	35 / 3%	5/0%	3/0%	12 / 8%	10 / 0%	3/0%	7 / 0%	6/0%	2/0%	3/0%
2005	46 / 2%	80 / 1%	123 / 6%	17 / 0%	16 / 0%	81 / 2%	24 / 0%	26 / 4%	68 / 3%	46 / 4%	14 / 0%	25 / 0%
2006	17 / 0%	59 / 0%	42 / 5%	10 / 0%	4 / 0%	10 / 0%	5 / 20%	12 / 0%	5/0%	8 / 12%	5 / 20%	6/0%
2007	69 / 1%	113 / 1%	162 / 7%	10 / 0%	29 / 3%	81 / 1%	53 / 6%	47 / 0%	77 / 4%	91 / 5%	23 / 0%	37 / 3%
2008	10 / 0%	91 / 0%	43 / 5%	14 / 0%	4 / 25%	20 / 5%	12 / 0%	14 / 0%	13 / 8%	4/0%	8/0%	4/0%
2009	38 / 0%	85 / 2%	133 / 4%	8/0%	13 / 0%	49 / 0%	49 / 0%	78 / 0%	45 / 2%	72 / 1%	30 / 3%	26 / 8%
2010	18 / 6%	80 / 4%	48 / 8%	10 / 0%	3/0%	19 / 0%	9/0%	17 / 6%	11/0%	13 / 0%	3/0%	5/0%
2011	68 / 1%	120 / 1%	215 / 2%	19 / 0%	17 / 0%	81/0%	52 / 2%	125 / 1%	86 / 3%	86 / 1%	61 / 0%	71 / 3%
2012	14 / 7%	86 / 0%	74 / 1%	18 / 0%	1/0%	38 / 0%	17 / 6%	34 / 0%	17 / 0%	9/0%	12 / 0%	8/0%
2013	103 / 1%	138 / 1%	349 / 3%	13 / 0%	14 / 0%	120 / 1%	81/0%	192 / 1%	88 / 6%	128 / 1%	77 / 1%	99 / 3%
2014	18 / 6%	55 / 0%	75 / 1%	13 / 0%	1/0%	31/0%	16 / 0%	45 / 0%	16 / 0%	13 / 0%	42 / 0%	10 / 10%
2015	84 / 1%	100 / 1%	439 / 2%	10 / 0%	16 / 0%	137 / 0%	74 / 0%	233 / 0%	84 / 0%	144 / 3%	172 / 0%	94 / 0%
2016	16 / 0%	40 / 0%	94 / 3%	4/0%	2/0%	24 / 0%	11/0%	66 / 0%	9/0%	17 / 0%	43 / 0%	14 / 0%
2017	110 / 0%	81 / 0%	469 / 1%	12 / 8%	23 / 0%	98 / 1%	91/0%	295 / 1%	100 / 0%	138 / 2%	272 / 0%	106 / 4%
2018	15 / 0%	29 / 0%	92 / 1%	3/0%	2/0%	21/0%	15 / 0%	93 / 0%	8/0%	12 / 0%	73 / 0%	12 / 0%
2019	90 / 1%	36 / 0%	431 / 0%	11 / 0%	17 / 0%	48 / 0%	54 / 0%	463 / 0%	80 / 1%	110 / 0%	393 / 0%	84 / 0%
2020	22 / 0%	14 / 0%	72 / 1%	2/0%	4 / 0%	10 / 0%	13 / 0%	140 / 0%	9/0%	12 / 0%	218 / 0%	12 / 0%
2021	58 / 0%	16 / 0%	272 / 0%	3/0%	13 / 0%	29 / 0%	31 / 0%	292 / 0%	43 / 0%	68 / 0%	569 / 0%	51/0%
2022	5 / 0%	0/0%	31/0%	0/0%	2/0%	3/0%	3/0%	33 / 0%	0/0%	5/0%	112 / 0%	0/0%
2023	2/0%	0/0%	6/0%	0/0%	0/0%	0/0%	1/0%	16 / 0%	2/0%	3/0%	67 / 0%	2/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	1/0%	0/0%	0/0%	6/0%	0/0%
Total	915 / 1%	1407 / 1%	3467 / 3%	204 / 1%	244 / 1%	1100 / 1%	696 / 2%	2290 / 0%	888 / 2%	1090 / 2%	2230 / 0%	696 / 2%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year an	d Test Stati	ion	
Model Year	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Wiodel Teal	096968	096635	096156	096974	096168	050095	092130	092157	096114	296106	115035	096087
1996	0/0%	2/0%	0/0%	1/0%	0/0%	5/0%	1/0%	2/0%	2/0%	0/0%	1/0%	1/100%
1997	4/0%	6/17%	6/17%	9/0%	3/0%	10 / 10%	5 / 20%	12 / 50%	12 / 0%	5/0%	6/0%	15 / 13%
1998	0/0%	6/17%	4/0%	5/0%	1/0%	4 / 25%	2/0%	2/0%	6/17%	2/0%	1/0%	11 / 36%
1999	9/0%	21/5%	16/0%	13 / 0%	13 / 0%	28 / 4%	5/0%	13 / 8%	29 / 3%	22 / 5%	12 / 0%	21/0%
2000	1/0%	5 / 20%	0/0%	6/0%	2/0%	5/0%	4/0%	6/0%	10 / 10%	5/0%	5/0%	17 / 12%
2001	2/0%	37 / 11%	20 / 10%	32 / 0%	13 / 0%	25 / 28%	7/0%	20 / 5%	40 / 15%	23 / 0%	12 / 0%	31 / 26%
2002	0/0%	12 / 8%	3 / 33%	9/11%	6/0%	7 / 14%	4/0%	5/0%	10 / 20%	6/0%	7 / 0%	19 / 5%
2003	11 / 9%	47 / 11%	45 / 7%	36 / 6%	19 / 0%	36 / 8%	17 / 6%	23 / 4%	81 / 2%	31 / 10%	30 / 7%	59 / 7%
2004	6/0%	9/11%	3/0%	13 / 0%	4/0%	15 / 7%	6/0%	4/0%	15 / 7%	5/0%	12 / 0%	23 / 13%
2005	21/0%	83 / 8%	50 / 6%	54 / 4%	29 / 0%	57 / 14%	26 / 0%	39 / 10%	82 / 12%	33 / 3%	31 / 3%	89 / 2%
2006	3/0%	20 / 10%	7/0%	12 / 0%	9 / 22%	10 / 40%	7/0%	12 / 8%	30 / 7%	7/0%	24 / 0%	36 / 11%
2007	23 / 0%	91/3%	55 / 2%	71 / 1%	39 / 3%	53 / 8%	42 / 7%	58 / 10%	80 / 6%	62 / 2%	41 / 2%	119 / 7%
2008	6/0%	17 / 12%	9/0%	8 / 12%	3/0%	10 / 20%	10 / 0%	19 / 11%	28 / 7%	12 / 0%	16 / 0%	49 / 8%
2009	9/0%	72 / 7%	55 / 0%	65 / 2%	23 / 4%	52 / 4%	35 / 0%	24 / 12%	70 / 7%	49 / 2%	44 / 2%	118 / 5%
2010	2/0%	23 / 9%	5/0%	13 / 0%	4/0%	14 / 0%	8/0%	18 / 17%	18 / 6%	3/0%	11 / 0%	65 / 8%
2011	17 / 6%	129 / 5%	70 / 0%	70 / 1%	29 / 0%	44 / 5%	34 / 0%	41 / 2%	85 / 6%	67 / 3%	36 / 0%	136 / 3%
2012	11 / 0%	31/3%	7 / 0%	17 / 0%	11 / 0%	12 / 8%	9/0%	28 / 0%	25 / 4%	8/0%	12 / 0%	74 / 3%
2013	34 / 0%	134 / 4%	114 / 5%	88 / 0%	36 / 0%	53 / 6%	40 / 0%	55 / 4%	101 / 5%	75 / 0%	43 / 0%	218 / 1%
2014	8/0%	32 / 6%	10 / 0%	17 / 0%	5/0%	10 / 0%	13 / 8%	13 / 0%	20 / 15%	19 / 0%	16 / 0%	100 / 2%
2015	18 / 0%	172 / 1%	97 / 2%	94 / 0%	42 / 0%	86 / 2%	41 / 0%	71 / 7%	98 / 5%	72 / 0%	26 / 0%	229 / 3%
2016	6/0%	31 / 3%	6/0%	19 / 5%	4/0%	5/0%	9/0%	18 / 0%	21 / 5%	8/0%	8/0%	97 / 2%
2017	22 / 0%	176 / 3%	103 / 2%	105 / 0%	39 / 0%	80 / 1%	31 / 0%	49 / 2%	78 / 4%	86 / 0%	26 / 0%	191 / 3%
2018	4 / 0%	22 / 5%	4/0%	17 / 0%	4/0%	4/0%	3/0%	8/0%	13 / 8%	9/0%	3/0%	68 / 0%
2019	12 / 0%	120 / 0%	79 / 0%	64 / 0%	29 / 0%	41/0%	22 / 0%	42 / 0%	70 / 1%	50 / 0%	18 / 0%	133 / 1%
2020	1/0%	18 / 0%	8/0%	8/0%	8/0%	5/0%	10 / 0%	7/0%	6/0%	10 / 0%	6/0%	51/0%
2021	6/0%	79 / 0%	42 / 0%	32 / 0%	16 / 0%	19 / 0%	10 / 0%	21/0%	22 / 0%	20 / 0%	3/0%	64 / 0%
2022	2/0%	4/0%	2/0%	1/0%	3/0%	1/0%	0/0%	1/0%	8/0%	1/0%	2/0%	10 / 0%
2023	0/0%	3/0%	1/0%	3/0%	0/0%	0/0%	0/0%	1/0%	1/0%	0/0%	1/0%	3/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	238 / 1%	1402 / 4%		882 / 1%	394 / 1%	691/6%	401 / 1%	612 / 6%		-	453 / 1%	2047 / 4%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	el Year an	d Test Stat	ion	
Model Year	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Widdel Teal	096933	096774	115359	096395	050038	096002	096140	050101	096098	115196	092121	050246
1996	0/0%	2/0%	1/0%	1/0%	13 / 8%	1/0%	0/0%	1/0%	0/0%	2/0%	0/0%	1/0%
1997	1/0%	7/0%	5/0%	0/0%	49 / 6%	3/0%	6/0%	5/0%	7 / 14%	6/0%	0/0%	9/0%
1998	1/0%	2/0%	1/0%	1/0%	22 / 9%	4/0%	7 / 0%	1/0%	3/0%	3/0%	0/0%	3/0%
1999	5/0%	17 / 6%	10 / 10%	2/0%	79 / 13%	20 / 5%	10 / 0%	11/0%	6/0%	14 / 0%	0/0%	14 / 0%
2000	2/50%	4/0%	5 / 20%	3/0%	32 / 12%	4/0%	2/0%	2/0%	1/0%	2 / 50%	1/100%	6/0%
2001	9/0%	13 / 8%	16 / 0%	6/0%	110 / 10%	16 / 0%	18 / 6%	17 / 12%	9/0%	20 / 5%	4/0%	21/0%
2002	1/0%	10 / 10%	4/0%	5/0%	41 / 0%	6/17%	9/0%	7/0%	5 / 40%	6/0%	1/0%	2/0%
2003	8 / 12%	35 / 3%	24 / 0%	17 / 0%	131 / 5%	31/0%	26 / 8%	22 / 5%	19 / 21%	26 / 8%	7 / 0%	32 / 3%
2004	6/0%	11/9%	15 / 7%	4/0%	59 / 3%	4/0%	13 / 23%	11 / 18%	3 / 33%	11/0%	2/0%	8/0%
2005	11 / 0%	47 / 4%	48 / 8%	14 / 0%	179 / 8%	38 / 0%	45 / 2%	34 / 6%	23 / 4%	45 / 4%	3/0%	32 / 3%
2006	2/0%	12 / 0%	7 / 14%	5/0%	81 / 6%	10 / 10%	9/0%	10 / 0%	10 / 0%	10 / 0%	4 / 25%	12 / 0%
2007	20 / 10%	63 / 5%	52 / 2%	18 / 0%	256 / 7%	46 / 2%	54 / 4%	50 / 2%	37 / 3%	74 / 1%	20 / 10%	34 / 3%
2008	8/0%	16 / 6%	15 / 7%	8/0%	86 / 9%	8/0%	14 / 7%	13 / 8%	15 / 7%	17 / 0%	2/0%	9/0%
2009	9/11%	47 / 2%	66 / 6%	14 / 0%	193 / 6%	37 / 3%	37 / 3%	53 / 2%	31 / 10%	39 / 8%	21 / 0%	33 / 3%
2010	6/0%	18 / 0%	15 / 7%	5/0%	56 / 5%	13 / 0%	24 / 4%	11 / 0%	7 / 0%	11/0%	8/0%	7/0%
2011	24 / 4%	68 / 3%	78 / 6%	18 / 6%	288 / 5%	65 / 0%	79 / 0%	76 / 1%	50 / 4%	63 / 2%	24 / 4%	41 / 2%
2012	9/11%	20 / 5%	28 / 7%	5/0%	96 / 2%	13 / 8%	21 / 5%	22 / 0%	19 / 5%	18 / 11%	14 / 14%	13 / 0%
2013	31 / 3%	85 / 1%	83 / 4%	45 / 0%	436 / 4%	77 / 1%	139 / 2%	112 / 2%	79 / 1%	67 / 0%	42 / 5%	34 / 0%
2014	9/0%	16 / 0%	32 / 0%	5/0%	119/3%	18 / 11%	18 / 6%	18 / 6%	23 / 4%	14/0%	13 / 0%	8/0%
2015	35 / 3%	104 / 1%	90 / 1%	36 / 0%	561 / 2%	122 / 2%	146 / 1%	132 / 5%	108 / 1%	72 / 3%	40 / 12%	47 / 2%
2016	2/0%	19 / 0%	27 / 0%	10 / 0%	121 / 3%	25 / 4%	30 / 0%	18 / 6%	14 / 0%	13 / 0%	14 / 29%	14 / 0%
2017	29 / 3%	87 / 2%	73 / 0%	27 / 0%	573 / 2%	142 / 1%	175 / 1%	149 / 1%	122 / 3%	54 / 0%	17 / 18%	64 / 0%
2018	2/0%	19 / 0%	23 / 0%	5/0%	103 / 3%	25 / 0%	22 / 0%	30 / 0%	19 / 0%	6/0%	0/0%	10 / 0%
2019	19 / 0%	81/0%	47 / 0%	19 / 0%	515 / 1%	100 / 0%	149 / 1%	132 / 2%	119 / 1%	43 / 0%	1/0%	38 / 3%
2020	3/0%	20 / 0%	11/0%	6/0%	72 / 0%	18 / 0%	25 / 0%	22 / 0%	34 / 0%	7/0%	0/0%	4/0%
2021	9/0%	63 / 0%	26 / 0%	16 / 0%	350 / 0%	69 / 0%	92 / 0%	99 / 0%	51 / 2%	30 / 0%	0/0%	33 / 0%
2022	0/0%	4/0%	3/0%	0/0%	25 / 0%	8/0%	11/0%	9/0%	5/0%	5/0%	0/0%	3/0%
2023	2/0%	1/0%	0/0%	0/0%	5/0%	2/0%	5/0%	4 / 0%	3 / 0%	4/0%	0/0%	0/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%
Total	263 / 4%	891 / 2%	805 / 3%	295 / 0%	4651 / 4%	925 / 2%	1186 / 2%	1072 / 2%	822 / 3%	682 / 2%	238 / 9%	532 / 1%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year an	d Test Stat	ion	
Model Year	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
woder rear	050056	096231	115005	096547	096762	096061	092033	115136	096480	096699	092151	092021
1996	2/0%	2/0%	2/0%	0/0%	0/0%	3/0%	2/0%	0/0%	2/0%	0/0%	1/0%	1/0%
1997	9/11%	6/17%	11 / 18%	7 / 0%	4 / 0%	14 / 0%	19 / 0%	9/0%	18 / 0%	3/0%	11/9%	8 / 25%
1998	5/0%	2/0%	4 / 0%	2 / 50%	2/0%	1/0%	1/0%	0/0%	4/0%	0/0%	2 / 50%	4/0%
1999	20 / 10%	10 / 20%	15 / 0%	13 / 0%	8/12%	34 / 6%	9/0%	13 / 8%	25 / 4%	5 / 20%	21 / 14%	18 / 0%
2000	4/0%	4 / 25%	5/0%	2/0%	1/0%	5/0%	5/0%	3/0%	12 / 0%	0/0%	1/0%	6/0%
2001	28 / 4%	15 / 0%	26 / 12%	17 / 0%	7 / 0%	43 / 12%	22 / 0%	18 / 11%	35 / 3%	3/0%	30 / 0%	27 / 19%
2002	13 / 15%	4/0%	5 / 20%	6/0%	7 / 0%	12 / 0%	6/0%	7 / 14%	9/0%	3/0%	7/0%	12 / 0%
2003	35 / 6%	33 / 3%	45 / 16%	24 / 0%	14 / 7%	57 / 9%	25 / 12%	29 / 3%	47 / 0%	5/0%	55 / 11%	48 / 10%
2004	8/0%	11/0%	21 / 10%	10 / 0%	9/0%	15 / 0%	9/0%	8/0%	20 / 0%	3/0%	10 / 0%	15 / 7%
2005	52 / 2%	24 / 4%	54 / 4%	27 / 0%	24 / 0%	84 / 14%	38 / 3%	35 / 11%	75 / 3%	4/0%	71 / 4%	63 / 8%
2006	15 / 0%	13 / 0%	20 / 10%	14 / 0%	9/11%	15 / 13%	11/0%	7 / 14%	13 / 8%	2/0%	8/0%	17 / 12%
2007	64 / 2%	56 / 11%	59 / 5%	58 / 2%	16 / 0%	93 / 12%	59 / 5%	39 / 10%	82 / 5%	7 / 14%	87 / 5%	96 / 5%
2008	15 / 13%	13 / 8%	24 / 0%	24 / 0%	10 / 0%	29 / 10%	11 / 18%	2/0%	21/0%	5 / 20%	12 / 17%	20 / 5%
2009	28 / 7%	52 / 8%	57 / 2%	65 / 2%	20 / 5%	81 / 10%	41 / 5%	39 / 10%	65 / 0%	16 / 0%	96 / 3%	50 / 6%
2010	17 / 0%	18 / 6%	19 / 0%	37 / 0%	5/0%	21 / 10%	6/0%	4/0%	13 / 0%	7/0%	12 / 0%	17 / 0%
2011	59 / 3%	59 / 0%	80 / 8%	108 / 2%	22 / 0%	115 / 10%	52 / 2%	32 / 3%	88 / 1%	15 / 0%	91 / 1%	80 / 5%
2012	17 / 0%	26 / 0%	30 / 3%	57 / 0%	3 / 33%	25 / 4%	12 / 0%	5/0%	19 / 0%	22 / 0%	13 / 0%	16 / 0%
2013	86 / 1%	80 / 4%	101 / 3%	200 / 0%	23 / 0%	137 / 8%	82 / 4%	50 / 2%	101 / 2%	79 / 0%	140 / 3%	109 / 6%
2014	19 / 0%	18 / 6%	30 / 0%	78 / 0%	4/0%	29 / 14%	20 / 5%	11 / 0%	25 / 4%	45 / 2%	9/0%	19 / 5%
2015	61 / 2%	81 / 4%	111 / 2%	299 / 1%	20 / 5%	143 / 7%	91 / 1%	66 / 0%	111 / 2%	95 / 0%	131 / 2%	122 / 6%
2016	10 / 0%	23 / 13%	35 / 3%	107 / 0%	2/0%	18 / 6%	22 / 5%	6/17%	23 / 0%	37 / 0%	10 / 0%	16 / 19%
2017	74 / 1%	79 / 1%	101 / 1%	346 / 1%	11 / 0%	144 / 0%	93 / 1%	67 / 3%	98 / 0%	131 / 1%	117 / 0%	109 / 5%
2018	10 / 0%	11 / 0%	15 / 13%	125 / 0%	0/0%	21/0%	18 / 0%	13 / 0%	14 / 7%	86 / 0%	9/0%	24 / 0%
2019	68 / 0%	52 / 0%	88 / 0%	429 / 0%	10 / 10%	94 / 0%	77 / 3%	47 / 0%	86 / 0%	281 / 0%	78 / 1%	82 / 0%
2020	6/0%	12 / 0%	22 / 5%	269 / 0%	1/0%	19 / 0%	19 / 5%	9/0%	10 / 0%	124 / 1%	5/0%	9/0%
2021	29 / 0%	24 / 0%	66 / 3%	408 / 0%	5/0%	49 / 2%	42 / 0%	19 / 0%	49 / 0%	457 / 0%	41 / 0%	61 / 0%
2022	6/0%	4/0%	4/0%	126 / 0%	0/0%	10 / 0%	1/0%	3/0%	6/0%	306 / 0%	1/0%	3/0%
2023	1/0%	0/0%	4/0%	51 / 0%	0/0%	1/0%	2/0%	2/0%	2/0%	84 / 0%	1/0%	1/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	761 / 2%	732 / 4%	1054 / 4%	2909 / 0%	237 / 3%	1312 / 7%	795 / 3%	543 / 4%	1073 / 1%	1825 / 0%	1070 / 3%	1053 / 5%

		Att	tachment 1	l5 - (3-4) In	itial Test V	olume and	d Failure Ra	ate by Mod	lel Year an	d Test Stat	ion	
Model Vees	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	092153	036037	096109	092131	050041	096436	096906	050027	115006P	115307	050160	092089
1996	0/0%	0/0%	0/0%	0/0%	2/0%	1/0%	1/0%	1/0%	1/0%	3 / 33%	8/0%	1/0%
1997	3/0%	1/0%	1/0%	3/0%	9/0%	11 / 0%	4/0%	14 / 0%	1/0%	13 / 23%	40 / 2%	2/0%
1998	0/0%	1/0%	1/0%	1/0%	2/0%	4/0%	1/0%	5/0%	3/0%	6 / 33%	17 / 18%	2/0%
1999	5/0%	5/0%	0/0%	13 / 0%	11 / 0%	16 / 12%	5/0%	28 / 7%	3/0%	19 / 5%	68 / 4%	3/0%
2000	1/0%	2 / 50%	1/0%	3/0%	6/0%	6/0%	1/0%	8/12%	3/0%	2/0%	29 / 0%	5 / 20%
2001	11/0%	7 / 0%	3/0%	12 / 0%	14 / 7%	29 / 10%	3/0%	43 / 2%	7 / 0%	28 / 4%	90 / 2%	4/0%
2002	6/17%	3/0%	1/0%	2/0%	5 / 40%	5 / 60%	3/0%	5 / 20%	11/0%	10 / 0%	30 / 7%	1/0%
2003	18 / 0%	11/0%	5/0%	18 / 6%	25 / 8%	30 / 13%	6/0%	40 / 10%	14 / 0%	44 / 2%	124 / 5%	4 / 25%
2004	9/0%	5/0%	5/0%	4/0%	13 / 0%	14 / 7%	3/0%	16 / 12%	11/0%	21 / 10%	42 / 2%	4/0%
2005	14 / 7%	16 / 0%	5/0%	34 / 12%	28 / 4%	62 / 6%	15 / 0%	72 / 11%	14 / 0%	74 / 3%	161 / 2%	10 / 0%
2006	5/0%	2/0%	10 / 0%	12 / 17%	6/0%	5/0%	10 / 10%	18 / 6%	25 / 0%	22 / 14%	48 / 4%	2/0%
2007	20 / 5%	16 / 12%	12 / 0%	27 / 4%	23 / 17%	66 / 6%	21 / 5%	73 / 3%	29 / 0%	92 / 5%	186 / 2%	9/11%
2008	5/0%	4/0%	14 / 0%	11/0%	11/9%	16 / 12%	3/0%	17 / 0%	32 / 0%	26 / 8%	58 / 2%	4/0%
2009	15 / 7%	17 / 0%	10 / 0%	28 / 0%	18 / 11%	62 / 0%	28 / 0%	46 / 4%	22 / 0%	77 / 1%	137 / 3%	8/0%
2010	5/0%	2/0%	27 / 0%	10 / 0%	5/0%	12 / 8%	12 / 0%	8/0%	23 / 0%	44 / 5%	43 / 0%	1/0%
2011	19 / 0%	12 / 8%	25 / 0%	51 / 4%	23 / 9%	55 / 2%	51 / 2%	68 / 0%	33 / 0%	98 / 4%	194 / 2%	19 / 0%
2012	6/17%	7 / 0%	28 / 0%	9/0%	10 / 0%	18 / 11%	12 / 0%	16 / 0%	24 / 0%	31/0%	60 / 2%	17 / 6%
2013	36 / 0%	18 / 0%	34 / 0%	72 / 0%	32 / 0%	77 / 0%	140 / 1%	95 / 2%	27 / 0%	131 / 3%	196 / 4%	58 / 0%
2014	4/0%	6/0%	18 / 0%	12 / 0%	8 / 12%	18 / 0%	37 / 0%	20 / 0%	11 / 0%	35 / 3%	50 / 6%	31 / 0%
2015	37 / 3%	19 / 5%	30 / 0%	91 / 1%	43 / 5%	108 / 1%	177 / 1%	107 / 5%	5/0%	140 / 4%	207 / 1%	73 / 0%
2016	4/0%	11/0%	8/0%	13 / 0%	6/0%	15 / 0%	60 / 2%	8/0%	7 / 0%	40 / 0%	34 / 0%	54 / 2%
2017	29 / 0%	19 / 0%	6/0%	85 / 0%	31/0%	96 / 2%	249 / 1%	106 / 2%	2/0%	146 / 1%	207 / 2%	119 / 0%
2018	4/0%	3/0%	2/0%	8/0%	4/0%	17 / 0%	99 / 0%	13 / 0%	1/0%	27 / 0%	34 / 0%	112 / 0%
2019	14 / 0%	19 / 0%	1/0%	75 / 0%	29 / 0%	79 / 0%	249 / 1%	82 / 0%	0/0%	110 / 0%	166 / 0%	194 / 0%
2020	2/0%	1/0%	1/0%	9/0%	3/0%	16 / 0%	136 / 0%	9/0%	0/0%	18 / 0%	11 / 9%	210 / 0%
2021	8/0%	15 / 0%	2/0%	31/0%	12 / 0%	45 / 0%	220 / 1%	44 / 0%	0/0%	59 / 0%	111 / 0%	223 / 0%
2022	0/0%	1/0%	0/0%	5/0%	1/0%	3/0%	84 / 0%	3/0%	0/0%	7 / 0%	7 / 0%	63 / 2%
2023	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	15 / 0%	1/0%	0/0%	1/0%	1/0%	7 / 0%
2024	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	280 / 2%	224 / 2%	250 / 0%	639 / 2%	380 / 5%	886 / 3%	1646 / 1%	966 / 3%	309 / 0%	1324 / 3%	2359 / 2%	1240 / 0%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year an	d Test Stat	ion	
Model Year	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Wiodel Teal	096879	050080	115037	096227	096541	096498	050039	096993	092137	092076	096836	057043
1996	0/0%	2/0%	1/0%	3 / 33%	3/0%	0/0%	2/0%	4 / 25%	3 / 33%	0/0%	0/0%	1/0%
1997	3/0%	9/11%	5/0%	6/0%	11 / 18%	2/0%	17 / 6%	8/0%	8 / 25%	7 / 0%	5/0%	0/0%
1998	1/0%	3/0%	3/0%	3/0%	5/0%	1/0%	2 / 50%	7 / 14%	1/0%	4 / 25%	2/0%	0/0%
1999	10 / 10%	14 / 7%	3/0%	10 / 0%	19 / 5%	1/0%	13 / 8%	11/0%	16 / 0%	6/17%	11 / 9%	1/0%
2000	0/0%	3/0%	5/0%	3/0%	11 / 0%	0/0%	7 / 14%	5/0%	3 / 33%	4 / 0%	3/0%	0/0%
2001	8/0%	16 / 6%	13 / 0%	9/0%	28 / 11%	0/0%	21/0%	12 / 17%	24 / 12%	14 / 7%	29 / 7%	3/0%
2002	5/0%	3/0%	7/0%	20 / 15%	13 / 8%	0/0%	11 / 0%	7 / 14%	7 / 0%	6/0%	3/0%	1/0%
2003	21 / 14%	21 / 0%	27 / 0%	12 / 25%	43 / 12%	2/0%	36 / 6%	28 / 11%	38 / 5%	28 / 4%	41 / 10%	0/0%
2004	3/0%	6/0%	11/0%	20 / 5%	27 / 4%	2 / 50%	15 / 7%	13 / 8%	7 / 0%	10 / 0%	9/0%	0/0%
2005	22 / 5%	18 / 6%	42 / 2%	43 / 5%	77 / 4%	5/0%	43 / 7%	53 / 11%	58 / 7%	43 / 16%	49 / 4%	3/0%
2006	7 / 0%	7 / 14%	55 / 0%	26 / 0%	31/6%	1/0%	10 / 0%	16 / 0%	8 / 25%	11 / 9%	4/0%	0/0%
2007	34 / 3%	25 / 4%	75 / 0%	48 / 0%	119 / 6%	1/0%	49 / 4%	62 / 5%	80 / 2%	59 / 5%	65 / 6%	3/0%
2008	7 / 14%	5/0%	81/0%	44 / 0%	46 / 4%	1/0%	16 / 12%	17 / 0%	7 / 14%	18 / 0%	8 / 12%	0/0%
2009	33 / 6%	21 / 5%	77 / 0%	41 / 0%	91/3%	4/0%	36 / 0%	39 / 5%	54 / 6%	53 / 2%	64 / 5%	0/0%
2010	6/0%	4/0%	112 / 0%	59 / 3%	69 / 0%	1/0%	16 / 6%	21 / 5%	6/0%	20 / 0%	11/0%	0/0%
2011	32 / 0%	35 / 3%	144 / 1%	68 / 3%	145 / 6%	6/0%	65 / 3%	78 / 6%	116 / 5%	91 / 5%	92 / 1%	2 / 50%
2012	6/17%	18 / 6%	114 / 1%	44 / 0%	82 / 1%	2/0%	12 / 8%	20 / 10%	13 / 23%	21 / 10%	16 / 6%	1/0%
2013	65 / 2%	50 / 2%	133 / 0%	84 / 0%	146 / 3%	10 / 0%	58 / 2%	95 / 4%	150 / 1%	136 / 1%	112 / 4%	3/0%
2014	14 / 0%	24 / 0%	100 / 1%	39 / 0%	60 / 5%	3/0%	13 / 0%	13 / 0%	13 / 0%	27 / 4%	18 / 6%	1/0%
2015	59 / 2%	76 / 1%	79 / 1%	64 / 2%	136 / 1%	6/0%	90 / 2%	105 / 2%	133 / 3%	170 / 2%	101 / 4%	6/0%
2016	13 / 0%	35 / 0%	38 / 5%	22 / 0%	50 / 0%	3/0%	16 / 6%	17 / 0%	21 / 0%	24 / 4%	19 / 11%	0/0%
2017	68 / 1%	91 / 0%	28 / 0%	57 / 2%	137 / 1%	10 / 0%	76 / 0%	109 / 3%	180 / 3%	192 / 0%	113 / 2%	0/0%
2018	13 / 0%	34 / 3%	5/0%	11 / 0%	36 / 3%	3/0%	5 / 20%	14 / 0%	12 / 0%	30 / 3%	13 / 8%	2/0%
2019	39 / 0%	62 / 0%	10 / 0%	29 / 0%	106 / 3%	8/0%	59 / 2%	88 / 2%	111/0%	153 / 0%	85 / 0%	1/0%
2020	10 / 0%	29 / 0%	6/0%	10 / 0%	24 / 0%	1/0%	4/0%	9/0%	17 / 0%	22 / 0%	15 / 0%	0/0%
2021	23 / 0%	28 / 0%	5/0%	13 / 0%	34 / 3%	8/0%	22 / 0%	40 / 0%	61/0%	103 / 0%	37 / 0%	1/0%
2022	3/0%	2/0%	0/0%	0/0%	4/0%	0/0%	7/0%	7/0%	11 / 0%	18 / 0%	10 / 0%	0/0%
2023	0/0%	2/0%	0/0%	0/0%	1/0%	0/0%	0/0%	2/0%	5/0%	5/0%	0/0%	0/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	505 / 3%	643 / 2%	1179 / 1%	788 / 2%	1554 / 4%	81 / 1%	721 / 3%	900 / 4%	1163 / 4%	1275 / 2%	935 / 4%	29 / 3%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	d Failure Ra	ite by Mod	lel Year an	d Test Stat	ion	
No. del Meses	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	092277	096618	050037	050145	092129	096041	050144	096600	092201	115459	096374	057044
1996	2/0%	3/0%	0/0%	3/0%	2/0%	2/0%	0/0%	0/0%	0/0%	2/0%	0/0%	0/0%
1997	6/0%	7/0%	5/0%	16 / 6%	8/0%	6 / 17%	10 / 10%	3/0%	13 / 0%	12 / 17%	1/100%	2/0%
1998	4 / 50%	2/0%	1/0%	7/0%	2/0%	3/0%	2/0%	1/0%	6 / 17%	1/0%	1/0%	0/0%
1999	7/0%	11/0%	13 / 0%	23 / 9%	24 / 0%	9/11%	13 / 8%	16 / 12%	19 / 5%	15 / 13%	2/0%	2/0%
2000	2/0%	3/0%	2/0%	10 / 20%	6/0%	4/0%	3/0%	7/0%	10 / 0%	2/0%	1/0%	0/0%
2001	10 / 10%	16 / 0%	20 / 5%	30 / 17%	34 / 0%	19 / 5%	18 / 6%	12 / 0%	42 / 12%	18 / 11%	3/0%	0/0%
2002	5 / 20%	7 / 0%	6/0%	16 / 6%	11/0%	7/0%	2/0%	7 / 14%	9/0%	7 / 29%	0/0%	3 / 0%
2003	17 / 0%	23 / 4%	30 / 0%	49 / 14%	54 / 6%	28 / 7%	16 / 0%	19 / 16%	69 / 4%	29 / 7%	3/0%	7/0%
2004	8/0%	4/0%	11 / 9%	20 / 5%	10 / 0%	7 / 0%	4/0%	6/0%	21 / 10%	8/0%	5/0%	4 / 0%
2005	17 / 6%	32 / 3%	33 / 3%	59 / 5%	52 / 2%	41 / 2%	24 / 4%	25 / 16%	81 / 1%	35 / 6%	5/0%	6 / 17%
2006	4/0%	6/0%	12 / 8%	14 / 14%	11 / 18%	6/0%	11/0%	11 / 9%	24 / 4%	5 / 40%	2/0%	6/17%
2007	19 / 0%	35 / 0%	59 / 0%	82 / 5%	61 / 0%	44 / 0%	40 / 0%	41 / 12%	150 / 6%	52 / 4%	9/0%	3/0%
2008	9/0%	12 / 0%	10 / 0%	17 / 6%	14 / 0%	13 / 8%	7 / 14%	10 / 20%	27 / 11%	12 / 0%	1/0%	2 / 50%
2009	20 / 0%	44 / 0%	59 / 7%	49 / 4%	64 / 0%	39 / 3%	48 / 2%	38 / 5%	136 / 3%	33 / 12%	8/0%	8 / 12%
2010	10 / 10%	12 / 0%	10 / 10%	21 / 0%	10 / 0%	4/0%	6/0%	10 / 20%	38 / 16%	7 / 0%	4/0%	4/0%
2011	35 / 0%	51 / 2%	87 / 2%	70 / 4%	94 / 0%	54 / 4%	44 / 2%	65 / 3%	248 / 4%	46 / 2%	8/0%	16 / 6%
2012	18 / 0%	13 / 0%	15 / 0%	22 / 5%	24 / 0%	12 / 0%	3/0%	18 / 6%	48 / 2%	11/0%	3/0%	3/0%
2013	31 / 3%	85 / 0%	115 / 2%	93 / 3%	135 / 2%	71 / 0%	48 / 0%	85 / 5%	400 / 4%	47 / 2%	14 / 0%	11 / 18%
2014	21 / 0%	16 / 0%	14 / 0%	26 / 0%	25 / 0%	17 / 0%	10 / 10%	27 / 7%	81 / 6%	12 / 0%	9/0%	6/0%
2015	25 / 0%	76 / 1%	136 / 1%	93 / 2%	133 / 0%	47 / 0%	61 / 2%	141 / 4%	526 / 2%	53 / 4%	27 / 0%	12 / 0%
2016	13 / 0%	10 / 0%	22 / 0%	15 / 0%	14 / 0%	9/0%	11 / 0%	30 / 3%	77 / 1%	15 / 0%	9/11%	0/0%
2017	34 / 0%	74 / 0%	146 / 0%	108 / 0%	122 / 1%	81 / 0%	75 / 0%	132 / 3%	534 / 1%	47 / 2%	29 / 0%	13 / 0%
2018	9/0%	10 / 0%	11/0%	6/0%	19 / 0%	5/0%	4/0%	27 / 4%	71 / 3%	5/0%	10 / 0%	2/0%
2019	16 / 0%	54 / 0%	121 / 0%	93 / 2%	99 / 0%	32 / 0%	51/0%	123 / 0%	505 / 0%	34 / 0%	33 / 0%	13 / 0%
2020	10 / 0%	4/0%	19 / 0%	9/0%	11 / 0%	5/0%	7/0%	23 / 0%	83 / 0%	13 / 0%	6/0%	0/0%
2021	9/0%	36 / 0%	78 / 1%	46 / 0%	53 / 0%	29 / 0%	30 / 0%	87 / 0%	326 / 0%	25 / 0%	15 / 0%	7 / 0%
2022	2/0%	3/0%	6/0%	4/0%	4/0%	3/0%	1/0%	6/0%	28 / 0%	5/0%	0/0%	0/0%
2023	0/0%	0/0%	1/0%	0/0%	1/0%	1/0%	0/0%	2/0%	5/0%	1/0%	0/0%	0/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	1/0%	0/0%	0/0%	0/0%
Total	363 / 2%	649 / 1%	1042 / 1%	1001 / 4%	1097 / 1%	598 / 2%	549 / 2%	972 / 4%	3578 / 3%	552 / 5%	208 / 1%	130 / 5%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year an	d Test Stat	ion	
Model Year	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
woder rear	096028	096160	092173	092008	096040	096716	092156	096264	092029	096211	092166	115025
1996	1/0%	0/0%	0/0%	0/0%	1/100%	1/0%	0/0%	1/0%	0/0%	3/0%	0/0%	0/0%
1997	14 / 7%	11/9%	1/0%	3/0%	6/0%	6/17%	5 / 20%	7 / 14%	19 / 5%	7 / 0%	7 / 0%	1/0%
1998	4/0%	3/0%	1/0%	3/0%	0/0%	1/0%	3/0%	2 / 50%	4 / 25%	4 / 0%	0/0%	1/0%
1999	24 / 8%	13 / 8%	14 / 0%	5 / 20%	13 / 23%	18 / 0%	8 / 25%	11/0%	24 / 4%	12 / 8%	7 / 0%	7/0%
2000	5/0%	6/0%	4/0%	6/0%	3/0%	1/0%	2/0%	1/0%	3/0%	11/0%	3/0%	7/0%
2001	39 / 0%	20 / 25%	4/0%	28 / 0%	13 / 15%	19 / 0%	10 / 10%	17 / 0%	33 / 9%	24 / 12%	29 / 3%	22 / 0%
2002	19 / 11%	13 / 8%	4 / 25%	4/0%	7 / 14%	1/0%	3/0%	2/0%	16 / 6%	11/0%	6/0%	13 / 0%
2003	59 / 3%	26 / 15%	12 / 0%	21 / 5%	21 / 5%	42 / 0%	24 / 4%	27 / 0%	53 / 2%	40 / 5%	29 / 3%	24 / 4%
2004	19 / 0%	12 / 17%	5 / 20%	13 / 8%	11 / 0%	4/0%	5/0%	10 / 10%	17 / 0%	17 / 6%	8/0%	23 / 0%
2005	84 / 4%	36 / 8%	20 / 0%	38 / 5%	36 / 6%	50 / 0%	32 / 6%	47 / 6%	88 / 7%	49 / 6%	25 / 8%	39 / 0%
2006	28 / 0%	8 / 25%	7/0%	9 / 22%	8/0%	3/0%	4/0%	10 / 10%	21 / 0%	26 / 12%	7/0%	48 / 0%
2007	101 / 1%	49 / 4%	31 / 0%	71 / 4%	44 / 5%	73 / 0%	55 / 9%	68 / 3%	115 / 6%	74 / 5%	55 / 5%	75 / 0%
2008	34 / 0%	10 / 10%	8/0%	12 / 0%	14 / 7%	8/0%	15 / 0%	10 / 10%	30 / 3%	32 / 6%	7 / 0%	89 / 1%
2009	93 / 1%	41 / 5%	29 / 0%	80 / 4%	35 / 3%	47 / 0%	46 / 2%	68 / 1%	98 / 6%	89 / 7%	47 / 2%	81 / 0%
2010	39 / 3%	13 / 0%	9/0%	14 / 7%	10 / 0%	8/0%	10 / 0%	17 / 0%	25 / 0%	21/0%	7 / 14%	88 / 0%
2011	114 / 2%	57 / 5%	36 / 3%	105 / 3%	63 / 2%	69 / 1%	58 / 3%	108 / 6%	155 / 3%	130 / 5%	63 / 3%	114 / 0%
2012	19 / 0%	9/0%	13 / 8%	29 / 3%	22 / 5%	13 / 0%	18 / 6%	16 / 0%	32 / 3%	35 / 0%	5/0%	85 / 0%
2013	131 / 1%	68 / 1%	69 / 3%	144 / 2%	109 / 2%	106 / 0%	88 / 3%	150 / 3%	198 / 1%	256 / 1%	64 / 0%	120 / 0%
2014	38 / 0%	9/0%	23 / 0%	31/3%	13 / 8%	14 / 0%	17 / 0%	22 / 0%	25 / 0%	45 / 4%	9/0%	79 / 0%
2015	157 / 0%	59 / 5%	76 / 1%	157 / 1%	136 / 2%	107 / 0%	123 / 3%	169 / 1%	230 / 2%	326 / 1%	76 / 1%	76 / 0%
2016	34 / 0%	13 / 0%	24 / 4%	25 / 4%	23 / 4%	12 / 0%	21/0%	19 / 0%	43 / 5%	51/0%	6/0%	32 / 0%
2017	144 / 0%	71 / 6%	84 / 1%	189 / 3%	131 / 1%	126 / 0%	142 / 4%	166 / 1%	234 / 1%	361 / 1%	75 / 0%	41 / 0%
2018	35 / 0%	11 / 0%	21 / 0%	31/0%	13 / 0%	13 / 0%	20 / 0%	21 / 0%	27 / 0%	52 / 2%	4/0%	12 / 0%
2019	113 / 0%	52 / 0%	71 / 1%	165 / 1%	121 / 0%	89 / 0%	107 / 0%	127 / 0%	173 / 1%	343 / 0%	42 / 0%	26 / 0%
2020	28 / 0%	11 / 0%	7 / 0%	31/0%	20 / 0%	6/0%	14 / 7%	18 / 0%	25 / 4%	51 / 2%	4/0%	4/0%
2021	52 / 0%	35 / 0%	38 / 0%	126 / 0%	67 / 0%	46 / 0%	78 / 0%	65 / 0%	97 / 1%	243 / 0%	24 / 0%	12 / 0%
2022	3/0%	1/0%	5/0%	24 / 0%	8/0%	4/0%	6/0%	6/0%	2/0%	37 / 0%	2/0%	2/0%
2023	0/0%	0/0%	2/0%	16 / 0%	0/0%	1/0%	3/0%	0/0%	2/0%	14 / 0%	0/0%	0/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	2/0%	0/0%	0/0%	1/0%	0/0%	0/0%
Total	1431 / 1%	657 / 5%	618 / 2%	1380 / 2%	948 / 3%	888 / 0%	919 / 3%	1185 / 2%	1789 / 3%	2365 / 2%	611 / 2%	1121 / 0%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year an	d Test Stat	ion	
NA 1 114	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	096932	092002	096245	096632	096111	096674	096978	050006	050135	096060	092046	296434
1996	7 / 0%	0/0%	2/0%	1/0%	0/0%	1/0%	1/0%	1/0%	1/0%	3 / 33%	1/0%	3/0%
1997	12 / 25%	7 / 29%	3 / 67%	3/0%	1/0%	3/0%	9/0%	6/0%	15 / 7%	9/0%	10 / 0%	23 / 0%
1998	7 / 14%	3/0%	3/0%	2/0%	0/0%	0/0%	3 / 67%	2/0%	2/0%	4/0%	4 / 25%	5/0%
1999	38 / 3%	18 / 22%	0/0%	5/0%	3/0%	7/0%	18 / 0%	11/9%	15 / 13%	16 / 0%	15 / 0%	31 / 0%
2000	14 / 0%	5 / 20%	2/0%	4 / 25%	1/0%	4/0%	8/0%	8 / 12%	5/0%	9 / 22%	11 / 18%	10 / 0%
2001	42 / 5%	15 / 7%	4 / 25%	9/0%	9/0%	13 / 0%	23 / 13%	31/3%	20 / 10%	27 / 4%	33 / 12%	49 / 4%
2002	16 / 6%	6/17%	2/0%	0/0%	1/0%	4/0%	10 / 0%	5/0%	10 / 0%	15 / 0%	10 / 0%	14 / 0%
2003	56 / 5%	41 / 7%	14 / 14%	11/0%	14 / 7%	25 / 0%	43 / 7%	25 / 12%	39 / 15%	37 / 11%	52 / 6%	61 / 2%
2004	20 / 5%	12 / 0%	4 / 50%	13 / 0%	3 / 67%	3/0%	4 / 25%	10 / 10%	12 / 8%	20 / 10%	24 / 12%	12 / 0%
2005	75 / 3%	45 / 4%	16 / 25%	14 / 0%	23 / 9%	29 / 0%	46 / 7%	70 / 7%	37 / 11%	49 / 2%	82 / 6%	79 / 3%
2006	21 / 0%	16/0%	6/0%	4/0%	3/0%	4/0%	7/0%	14 / 0%	5/0%	39 / 8%	21 / 5%	18 / 0%
2007	79 / 6%	54 / 7%	24 / 12%	21 / 5%	25 / 28%	16/0%	53 / 9%	70 / 6%	43 / 5%	70 / 7%	90 / 2%	105 / 1%
2008	25 / 8%	17 / 6%	7 / 0%	4/0%	5/0%	7/0%	12 / 0%	15 / 7%	11/0%	35 / 0%	22 / 5%	33 / 0%
2009	54 / 2%	64 / 6%	22 / 9%	18 / 6%	22 / 9%	32 / 0%	54 / 4%	60 / 2%	30 / 0%	45 / 2%	83 / 2%	86 / 1%
2010	22 / 9%	19 / 5%	3/0%	15 / 7%	5/0%	9/0%	19 / 11%	17 / 0%	2/0%	53 / 4%	24 / 8%	23 / 4%
2011	74 / 4%	96 / 8%	33 / 6%	33 / 3%	36 / 0%	48 / 0%	83 / 4%	101 / 3%	44 / 16%	77 / 5%	139 / 4%	114 / 2%
2012	19 / 0%	27 / 4%	9/11%	12 / 0%	8 / 12%	9/0%	29 / 3%	31/3%	12 / 25%	60 / 2%	41 / 0%	22 / 0%
2013	85 / 4%	126 / 2%	47 / 4%	48 / 0%	47 / 4%	51/0%	90 / 2%	152 / 3%	44 / 5%	79 / 3%	211 / 3%	97 / 2%
2014	17 / 0%	36 / 6%	19 / 5%	17 / 0%	9/11%	16 / 0%	26 / 0%	39 / 3%	9/11%	34 / 0%	36 / 3%	30 / 0%
2015	57 / 4%	145 / 2%	78 / 5%	79 / 1%	62 / 0%	44 / 5%	80 / 1%	181 / 2%	43 / 14%	71 / 7%	269 / 1%	118 / 1%
2016	12 / 0%	25 / 4%	29 / 0%	31 / 6%	15 / 0%	11/9%	33 / 3%	37 / 3%	2/0%	21/0%	37 / 3%	9/0%
2017	64 / 0%	150 / 0%	95 / 2%	95 / 0%	33 / 3%	39 / 0%	80 / 1%	224 / 3%	63 / 6%	49 / 6%	199 / 1%	136 / 0%
2018	10 / 0%	34 / 6%	34 / 6%	28 / 0%	13 / 0%	5/0%	27 / 0%	39 / 0%	1/0%	11/0%	41 / 2%	19 / 0%
2019	36 / 0%	114 / 1%	91 / 2%	85 / 1%	41 / 0%	39 / 0%	67 / 1%	197 / 1%	23 / 0%	33 / 0%	199 / 0%	71 / 0%
2020	3 / 0%	20 / 0%	43 / 0%	28 / 0%	12 / 0%	7 / 0%	13 / 0%	41 / 0%	3/0%	3/0%	22 / 0%	25 / 4%
2021	23 / 0%	68 / 0%	50 / 0%	46 / 2%	28 / 0%	12 / 0%	22 / 0%	109 / 0%	12 / 0%	11/0%	126 / 0%	62 / 0%
2022	2/0%	7 / 0%	16 / 0%	4/0%	5/0%	2/0%	0/0%	8/0%	3/0%	1/0%	11/0%	4/0%
2023	0/0%	2/0%	7 / 0%	2/0%	0/0%	2/0%	2/0%	2/0%	0/0%	2/0%	3/0%	2/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	890 / 4%	1172 / 4%	663 / 5%	632 / 2%	424 / 4%	442 / 1%	862 / 4%	1506 / 3%	506 / 8%	883 / 4%	1816 / 2%	1261 / 1%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	el Year an	d Test Stat	ion	
B.O. alal Manu	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	096670	096359	096246	096204	115065	096188	036019	096035	092272	092133	096260	096124
1996	1 / 100%	2/0%	0/0%	3/0%	2/0%	2 / 50%	0/0%	0/0%	0/0%	0/0%	0/0%	3/0%
1997	6/0%	8/0%	0/0%	21 / 0%	3/0%	3/0%	2/0%	5/0%	4 / 0%	0/0%	1/0%	6 / 17%
1998	1/0%	0/0%	0/0%	1/0%	0/0%	2/0%	0/0%	3/0%	0/0%	0/0%	0/0%	0/0%
1999	13 / 0%	13 / 0%	0/0%	30 / 0%	21 / 0%	7/0%	3/0%	5/0%	4/0%	0/0%	3/0%	8/0%
2000	1/0%	2/0%	0/0%	6/0%	3/0%	0/0%	1/0%	3/0%	1/100%	2/0%	0/0%	4/0%
2001	16 / 0%	13 / 0%	0/0%	43 / 0%	14 / 7%	8/0%	3 / 33%	14 / 21%	14 / 21%	2/0%	3/0%	14 / 7%
2002	3/0%	1/0%	0/0%	17 / 0%	10 / 10%	2/0%	2/0%	4/0%	2/0%	4/0%	0/0%	16 / 6%
2003	14 / 0%	25 / 4%	4 / 25%	56 / 0%	35 / 6%	8/0%	11/0%	27 / 0%	15 / 27%	0/0%	2/50%	22 / 5%
2004	2/0%	4/0%	0/0%	16/0%	4/0%	2/50%	1/0%	12 / 0%	6/17%	1/0%	4/0%	16 / 0%
2005	18 / 0%	56 / 2%	3/0%	72 / 0%	35 / 6%	26 / 15%	12 / 25%	35 / 3%	24 / 0%	5/0%	13 / 0%	44 / 18%
2006	3/0%	3/0%	1/0%	18 / 0%	17 / 6%	10 / 0%	6/0%	18 / 11%	3 / 67%	3/0%	0/0%	14 / 7%
2007	28 / 0%	45 / 0%	10 / 10%	113 / 1%	66 / 9%	18 / 17%	10 / 0%	72 / 3%	24 / 8%	4/0%	22 / 0%	62 / 10%
2008	2/0%	12 / 8%	3 / 33%	26 / 0%	19 / 11%	7 / 0%	7 / 43%	19 / 0%	4/0%	0/0%	5 / 20%	40 / 0%
2009	26 / 0%	44 / 0%	3/0%	75 / 0%	48 / 0%	12 / 0%	13 / 8%	89 / 4%	21 / 14%	5/0%	26 / 4%	45 / 4%
2010	3/0%	7/0%	4 / 50%	21/0%	20 / 5%	2/0%	5/0%	25 / 8%	5/0%	2/0%	3/0%	26 / 8%
2011	22 / 5%	50 / 0%	28 / 11%	119 / 0%	68 / 4%	17 / 0%	15 / 0%	120 / 2%	17 / 0%	7 / 0%	29 / 7%	48 / 6%
2012	4/0%	6/0%	4 / 25%	38 / 0%	23 / 0%	6/0%	11 / 0%	37 / 0%	3/0%	2/0%	7/0%	33 / 0%
2013	39 / 0%	69 / 1%	13 / 8%	140 / 0%	103 / 4%	21 / 0%	30 / 3%	237 / 1%	13 / 0%	10 / 0%	59 / 2%	51 / 4%
2014	6/0%	17 / 0%	7/0%	28 / 0%	26 / 8%	10 / 0%	5/0%	59 / 3%	3/0%	1/0%	9/0%	22 / 0%
2015	36 / 0%	98 / 0%	27 / 11%	159 / 0%	87 / 0%	17 / 6%	28 / 4%	263 / 2%	26 / 4%	11 / 0%	86 / 3%	53 / 2%
2016	5/0%	28 / 4%	4/0%	24 / 0%	33 / 3%	2/0%	9/11%	69 / 1%	3/0%	2/0%	9/11%	10 / 0%
2017	42 / 0%	112 / 0%	4/0%	125 / 0%	96 / 3%	22 / 5%	31 / 0%	337 / 1%	24 / 4%	11 / 0%	82 / 0%	48 / 15%
2018	6/0%	17 / 0%	3/0%	19 / 0%	20 / 0%	8/0%	3/0%	73 / 1%	2/0%	1/0%	7 / 14%	11 / 0%
2019	29 / 0%	79 / 0%	1/0%	102 / 0%	75 / 0%	12 / 0%	30 / 3%	265 / 1%	15 / 0%	15 / 0%	99 / 1%	37 / 0%
2020	8/0%	13 / 0%	0/0%	11 / 0%	15 / 0%	0/0%	5/0%	63 / 0%	1/0%	4/0%	12 / 0%	11 / 0%
2021	7 / 0%	42 / 0%	1/0%	71 / 0%	42 / 0%	12 / 0%	18 / 0%	185 / 0%	10 / 0%	13 / 8%	58 / 0%	23 / 0%
2022	0/0%	8/0%	0/0%	7/0%	5/0%	0/0%	2/0%	19 / 0%	2/0%	2/0%	4/0%	3/0%
2023	1/0%	1/0%	1/0%	1/0%	0/0%	0/0%	2/0%	5/0%	0/0%	0/0%	6/0%	1/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	1/0%	0/0%	0/0%	1/0%	0/0%
Total	342 / 1%	775 / 1%	121 / 11%	1362 / 0%	890 / 3%	236 / 5%	265 / 5%	2064 / 2%	246 / 7%	107 / 1%	550 / 2%	671 / 5%

		Ati	tachment 1	L5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year an	d Test Stat	ion	
Model Year	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Wiodel Teal	096191	050040	092011	096346	115400	296484	050044	115245	092085	096344	092126	115392
1996	1/0%	0/0%	0/0%	2/0%	13 / 23%	3/0%	1/100%	1/0%	0/0%	0/0%	0/0%	1/0%
1997	0/0%	0/0%	7 / 0%	6/17%	26 / 8%	4/0%	2/0%	5 / 20%	4 / 50%	3/0%	6/0%	3/0%
1998	0/0%	0/0%	2/0%	4/0%	17 / 6%	3 / 33%	2/0%	6/0%	2/0%	0/0%	2/0%	2/0%
1999	0/0%	1/0%	10 / 0%	25 / 12%	58 / 7%	19 / 11%	7/0%	6/0%	9/0%	6/0%	10 / 0%	2/0%
2000	3/0%	0/0%	0/0%	2 / 50%	25 / 8%	7/0%	1/0%	4/0%	3/0%	0/0%	1/0%	4/0%
2001	2/0%	2/0%	15 / 7%	22 / 0%	80 / 5%	27 / 11%	8/0%	16 / 6%	5/0%	9/11%	8 / 12%	6/0%
2002	1/100%	3/0%	3/0%	9/11%	55 / 7%	8/0%	2 / 50%	8/0%	7 / 0%	4/0%	4/0%	1/0%
2003	1/0%	3/0%	21/0%	33 / 3%	134 / 7%	53 / 4%	7 / 14%	22 / 5%	21/0%	17 / 6%	27 / 4%	6/0%
2004	1/0%	2/0%	8/0%	6/0%	82 / 5%	15 / 7%	3/0%	30 / 0%	6/0%	2 / 50%	7 / 0%	5/0%
2005	22 / 5%	4/0%	36 / 0%	35 / 11%	168 / 5%	83 / 6%	15 / 0%	42 / 0%	20 / 15%	16 / 0%	42 / 7%	16 / 0%
2006	3/0%	4/0%	7/0%	10 / 0%	71 / 3%	30 / 3%	1/0%	45 / 0%	15 / 7%	5/0%	7 / 0%	3/0%
2007	22 / 18%	3/0%	37 / 0%	70 / 3%	232 / 4%	126 / 10%	22 / 0%	129 / 0%	41 / 2%	32 / 0%	47 / 2%	33 / 0%
2008	6/17%	4/0%	9/0%	22 / 0%	121 / 4%	32 / 3%	6/17%	104 / 0%	11/0%	8/0%	6/17%	12 / 0%
2009	11 / 0%	5/0%	27 / 0%	63 / 3%	160 / 2%	145 / 3%	14 / 7%	86 / 1%	32 / 3%	19 / 11%	46 / 2%	35 / 0%
2010	6/0%	0/0%	16 / 6%	21/0%	92 / 5%	30 / 7%	6/0%	114 / 3%	20 / 10%	6/0%	6/17%	10 / 0%
2011	15 / 7%	8/0%	78 / 0%	91 / 2%	212 / 3%	226 / 2%	31/0%	167 / 1%	33 / 6%	37 / 0%	53 / 0%	63 / 3%
2012	6/0%	1/0%	37 / 0%	22 / 0%	91 / 1%	54 / 4%	12 / 0%	161 / 0%	22 / 0%	7 / 0%	9/0%	16 / 0%
2013	11 / 0%	4 / 0%	136 / 0%	133 / 2%	210 / 3%	307 / 1%	49 / 0%	206 / 1%	52 / 2%	57 / 2%	77 / 0%	126 / 0%
2014	1/0%	1/0%	42 / 0%	28 / 4%	105 / 4%	64 / 0%	23 / 4%	176 / 0%	15 / 7%	9/0%	10 / 0%	32 / 0%
2015	8/0%	9/11%	204 / 0%	162 / 0%	200 / 2%	373 / 1%	76 / 0%	211/0%	65 / 0%	52 / 0%	105 / 0%	150 / 1%
2016	1/0%	3/0%	72 / 0%	27 / 4%	59 / 0%	78 / 3%	19 / 0%	102 / 0%	26 / 0%	5/0%	6/17%	41 / 0%
2017	10 / 0%	10 / 0%	227 / 0%	178 / 0%	144 / 2%	413 / 0%	91 / 3%	112 / 0%	63 / 3%	29 / 0%	90 / 1%	187 / 0%
2018	0/0%	2/0%	83 / 1%	33 / 0%	47 / 0%	63 / 3%	34 / 0%	42 / 0%	23 / 0%	7 / 0%	8/0%	61 / 0%
2019	4/0%	4 / 0%	248 / 0%	150 / 0%	105 / 1%	347 / 0%	126 / 2%	43 / 0%	46 / 0%	32 / 3%	83 / 1%	170 / 1%
2020	3/0%	1/0%	171 / 0%	24 / 0%	30 / 0%	47 / 2%	73 / 0%	20 / 0%	16 / 0%	8/0%	9/0%	69 / 0%
2021	3/0%	5/0%	151 / 0%	119 / 0%	50 / 0%	242 / 0%	96 / 0%	26 / 0%	27 / 0%	21 / 0%	37 / 0%	158 / 1%
2022	0/0%	0/0%	44 / 0%	14 / 0%	13 / 0%	19 / 0%	14 / 0%	14 / 0%	4/0%	0/0%	5/0%	25 / 0%
2023	0/0%	0/0%	6/0%	3/0%	3/0%	8/0%	4/0%	5/0%	0/0%	2/0%	0/0%	6/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	141 / 6%	79 / 1%	1697 / 0%	1314 / 2%	2603 / 4%	2826 / 2%	745 / 2%	1903 / 1%	588 / 3%	393 / 2%	711 / 2%	1243 / 0%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ite by Mod	lel Year an	d Test Stati	ion	
Model Year	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Widdel Teal	096479	092074	092178	096805	115000	092066	096080	096219	096835	115002	096897	092013
1996	1/0%	2/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	1/0%	5/0%	2/0%	1/0%
1997	0/0%	10 / 0%	8/12%	4/0%	8/0%	1/0%	0/0%	1/0%	4/0%	17 / 18%	4/0%	5/0%
1998	0/0%	7 / 0%	2/0%	0/0%	1/0%	0/0%	0/0%	2/0%	3/0%	12 / 25%	3 / 33%	1/0%
1999	2/0%	15 / 7%	6/17%	10 / 10%	5/0%	3 / 33%	0/0%	2/0%	6/17%	39 / 10%	8 / 12%	19 / 0%
2000	0/0%	8/0%	8/0%	3/0%	3/0%	1/0%	0/0%	2/0%	0/0%	16 / 6%	3/0%	7 / 0%
2001	4/0%	22 / 9%	14 / 0%	10 / 10%	10 / 0%	2/0%	3/0%	8/0%	12 / 17%	41 / 10%	18 / 6%	29 / 7%
2002	1/100%	9/0%	8 / 12%	1/0%	5/0%	0/0%	0/0%	7 / 0%	2 / 50%	29 / 0%	3/0%	5/0%
2003	0/0%	50 / 12%	16 / 0%	8/0%	41 / 12%	6/17%	3/0%	9/0%	24 / 4%	68 / 7%	29 / 3%	46 / 4%
2004	1/0%	14 / 29%	13 / 8%	2/0%	17 / 12%	3/0%	0/0%	14 / 0%	4/0%	28 / 4%	14 / 14%	11 / 0%
2005	6/0%	60 / 5%	29 / 3%	14 / 7%	40 / 8%	4/0%	7/0%	28 / 4%	28 / 0%	77 / 6%	44 / 9%	61 / 3%
2006	6 / 50%	25 / 12%	13 / 15%	1/0%	17 / 6%	2/0%	4 / 25%	21 / 5%	2/0%	54 / 7%	9/0%	16 / 0%
2007	3/0%	92 / 1%	47 / 6%	15 / 0%	57 / 2%	14 / 0%	7/0%	37 / 0%	43 / 9%	102 / 7%	67 / 3%	92 / 4%
2008	1/0%	26 / 0%	13 / 0%	3/0%	22 / 9%	13 / 0%	8/0%	39 / 0%	8/0%	58 / 10%	14 / 7%	18 / 0%
2009	3/0%	69 / 3%	32 / 3%	14 / 7%	60 / 3%	11 / 0%	23 / 0%	50 / 2%	41 / 5%	98 / 9%	55 / 4%	87 / 3%
2010	2/0%	31/0%	15 / 0%	1/100%	31/0%	9/0%	4/0%	39 / 0%	10 / 10%	38 / 3%	11 / 18%	33 / 6%
2011	2/0%	123 / 3%	69 / 3%	22 / 5%	68 / 3%	38 / 0%	42 / 2%	58 / 2%	73 / 3%	139 / 5%	72 / 4%	148 / 3%
2012	6/0%	37 / 3%	37 / 0%	2/0%	23 / 4%	47 / 2%	22 / 9%	68 / 0%	16 / 6%	61 / 2%	14 / 0%	40 / 8%
2013	2/0%	182 / 1%	121 / 1%	34 / 0%	89 / 2%	73 / 0%	84 / 0%	95 / 0%	72 / 6%	100 / 2%	122 / 2%	213 / 2%
2014	1/0%	43 / 5%	66 / 0%	4/0%	35 / 3%	84 / 0%	35 / 0%	88 / 1%	5/0%	49 / 10%	25 / 8%	49 / 0%
2015	4/0%	262 / 1%	168 / 2%	28 / 0%	95 / 3%	122 / 2%	162 / 0%	88 / 0%	94 / 2%	100 / 3%	145 / 2%	290 / 1%
2016	3/0%	62 / 0%	97 / 3%	2/0%	21 / 0%	92 / 0%	73 / 1%	77 / 3%	13 / 0%	44 / 7%	19 / 0%	55 / 2%
2017	1/0%	269 / 1%	176 / 2%	42 / 0%	90 / 2%	153 / 0%	246 / 0%	64 / 0%	101 / 1%	68 / 6%	168 / 2%	290 / 1%
2018	2/0%	60 / 2%	92 / 1%	4/0%	15 / 0%	102 / 2%	136 / 0%	27 / 0%	16 / 0%	17 / 6%	24 / 0%	52 / 0%
2019	0/0%	260 / 1%	141 / 1%	19 / 0%	64 / 2%	136 / 3%	398 / 0%	38 / 0%	80 / 0%	74 / 3%	135 / 1%	267 / 1%
2020	1/0%	74 / 3%	65 / 0%	3/0%	18 / 0%	111 / 1%	140 / 0%	9/0%	12 / 0%	20 / 10%	18 / 0%	30 / 0%
2021	1/0%	224 / 0%	85 / 0%	11/0%	33 / 0%	87 / 1%	291 / 0%	4/0%	43 / 0%	17 / 0%	76 / 0%	132 / 1%
2022	0/0%	34 / 0%	14 / 0%	1/0%	6/0%	18 / 0%	95 / 0%	4/0%	1/0%	2/0%	11/0%	8/0%
2023	0/0%	10 / 0%	1/0%	1/0%	3/0%	1/0%	67 / 1%	1/0%	2/0%	1/0%	2/0%	6/0%
2024	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0 / 0%	0/0%	0/0%	0/0%
Total	53 / 8%	2081 / 2%	1356 / 2%	259 / 2%	877 / 3%	1133 / 1%	1850 / 0%	880 / 1%	716 / 3%	1374 / 6%	1115 / 3%	2011 / 2%

		Att	tachment 1	5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	el Year an	d Test Stat	ion	
Model Year	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Widder real	092103	096870	092123	092227	050091	092209	115291	096189P	096526	036025	092181	092274
1996	3 / 33%	0/0%	1/0%	2 / 50%	2 / 50%	4/0%	0/0%	0/0%	0/0%	0/0%	0/0%	2/0%
1997	6/17%	4 / 25%	10 / 20%	5/0%	4/0%	5/0%	8/0%	0/0%	2/0%	0/0%	0/0%	7 / 14%
1998	6/0%	3/0%	3/0%	1/0%	2/0%	5/0%	5/0%	0/0%	0/0%	1/0%	0/0%	2/0%
1999	10 / 10%	14 / 7%	33 / 6%	8/0%	4/0%	24 / 12%	6/0%	1/0%	2 / 50%	0/0%	1/0%	17 / 0%
2000	7/0%	4 / 25%	9/0%	2 / 50%	1/0%	6/0%	8 / 50%	0/0%	0/0%	0/0%	0/0%	6/0%
2001	21 / 14%	21 / 14%	57 / 11%	11 / 0%	13 / 15%	28 / 14%	11/9%	0/0%	3/0%	2/0%	1/0%	20 / 0%
2002	7 / 0%	8 / 38%	10 / 0%	4/0%	3/0%	17 / 6%	6/17%	0/0%	1/0%	0/0%	0/0%	3/0%
2003	39 / 5%	39 / 5%	67 / 10%	19 / 0%	14 / 7%	38 / 11%	14 / 7%	4/0%	2/0%	4/0%	3/0%	32 / 3%
2004	11 / 9%	9/11%	16 / 12%	8 / 12%	6/0%	6/17%	12 / 17%	0/0%	11 / 9%	1/0%	4/0%	12 / 0%
2005	63 / 6%	68 / 10%	89 / 10%	23 / 0%	9/11%	65 / 6%	21 / 5%	1/0%	4/0%	3/0%	7/0%	28 / 4%
2006	9/0%	15 / 13%	29 / 7%	7 / 0%	5 / 20%	10 / 0%	13 / 0%	3/0%	7/0%	4/0%	4 / 25%	8/12%
2007	80 / 6%	89 / 4%	111 / 5%	49 / 4%	38 / 3%	91 / 5%	31/3%	1/0%	12 / 0%	2/0%	7 / 0%	33 / 0%
2008	23 / 9%	29 / 3%	33 / 6%	6/0%	6/17%	14 / 7%	22 / 9%	1/0%	17 / 0%	1/0%	3 / 33%	8/0%
2009	73 / 1%	96 / 3%	100 / 10%	30 / 0%	16 / 0%	88 / 5%	28 / 4%	3/0%	19 / 0%	0/0%	12 / 8%	26 / 0%
2010	32 / 9%	24 / 4%	58 / 5%	6 / 17%	3/0%	25 / 12%	23 / 4%	8/0%	23 / 0%	4/0%	12 / 0%	4/0%
2011	104 / 8%	148 / 5%	153 / 8%	49 / 2%	23 / 0%	126 / 7%	32 / 0%	11/0%	36 / 0%	5/0%	11/0%	52 / 0%
2012	45 / 2%	31 / 10%	61 / 0%	8/0%	1/0%	33 / 3%	31/3%	12 / 0%	46 / 0%	1/0%	7/0%	7/0%
2013	158 / 2%	237 / 2%	222 / 4%	71 / 6%	47 / 2%	188 / 4%	47 / 2%	16 / 0%	60 / 0%	2/0%	23 / 4%	50 / 0%
2014	35 / 14%	39 / 5%	68 / 6%	5/0%	6/0%	49 / 4%	21/0%	17 / 0%	74 / 0%	0/0%	8/0%	8/0%
2015	220 / 1%	273 / 1%	217 / 2%	68 / 0%	32 / 0%	210 / 2%	60 / 7%	30 / 0%	98 / 1%	3/0%	26 / 0%	62 / 0%
2016	50 / 2%	49 / 2%	47 / 0%	10 / 0%	12 / 0%	35 / 6%	26 / 0%	36 / 0%	81/0%	1/0%	6/0%	5/0%
2017	290 / 2%	231 / 2%	230 / 2%	64 / 3%	41 / 2%	177 / 1%	52 / 0%	44 / 0%	79 / 0%	2/0%	24 / 0%	44 / 0%
2018	43 / 2%	53 / 6%	22 / 9%	9/0%	7 / 14%	36 / 0%	34 / 0%	36 / 0%	68 / 0%	0/0%	8/0%	11/0%
2019	250 / 1%	229 / 1%	174 / 1%	64 / 0%	40 / 0%	186 / 1%	40 / 0%	61 / 0%	104 / 0%	1/0%	10 / 0%	25 / 0%
2020	37 / 0%	32 / 0%	25 / 0%	8/0%	3/0%	28 / 0%	21 / 0%	120 / 0%	83 / 0%	0/0%	0/0%	9/0%
2021	156 / 0%	141 / 0%	99 / 0%	58 / 0%	23 / 0%	106 / 0%	21 / 0%	70 / 0%	35 / 0%	1/0%	5/0%	16 / 0%
2022	13 / 0%	14 / 0%	7 / 14%	3/0%	2/0%	1/0%	3/0%	17 / 0%	18 / 0%	0/0%	4/0%	0/0%
2023	3/0%	7 / 0%	2/0%	1/0%	1/0%	1/0%	1/0%	1/0%	1/0%	0/0%	0/0%	0/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	1794 / 3%	1907 / 3%	1953 / 5%	599 / 2%	364 / 3%	1602 / 4%	597 / 4%	493 / 0%	886 / 0%	38 / 0%	186 / 2%	497 / 1%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	el Year an	d Test Stati	ion	
Madal Vasu	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	096230	050261	115408	092266	296248	096420	096189	092056	115327	096450	092291	096849
1996	2/0%	2/0%	2/0%	0/0%	2/0%	0/0%	2/0%	0/0%	3/0%	1/0%	0/0%	2/0%
1997	6 / 17%	17 / 0%	5/0%	10 / 10%	10 / 0%	3/0%	1/0%	2/0%	13 / 8%	16 / 0%	6/0%	3/0%
1998	2/0%	0/0%	6/0%	3/0%	1/0%	0/0%	1/0%	1/0%	6/33%	1/0%	0/0%	4/0%
1999	18 / 0%	20 / 5%	17 / 12%	18 / 0%	17 / 0%	9/0%	0/0%	7 / 0%	10 / 0%	17 / 0%	3/0%	6/0%
2000	3/0%	6/0%	13 / 15%	5/0%	6/0%	0/0%	2 / 50%	3/0%	7 / 0%	2/0%	1/0%	0/0%
2001	16 / 25%	28 / 7%	29 / 17%	18 / 6%	17 / 6%	11 / 0%	1/0%	15 / 0%	27 / 7%	39 / 13%	9/0%	9/0%
2002	8/0%	6/17%	14 / 14%	4 / 25%	7 / 0%	4/0%	3/0%	4/0%	4/0%	6/0%	5/0%	5/0%
2003	30 / 10%	46 / 11%	34 / 3%	33 / 6%	37 / 0%	16 / 0%	7 / 0%	21 / 5%	48 / 2%	57 / 5%	7 / 0%	12 / 0%
2004	13 / 8%	16 / 0%	24 / 4%	8/0%	11 / 0%	1/0%	3/0%	4/0%	13 / 0%	8 / 12%	4/0%	8/0%
2005	32 / 6%	39 / 10%	49 / 6%	41 / 7%	36 / 0%	21/0%	8/0%	15 / 0%	41 / 2%	70 / 4%	22 / 9%	24 / 0%
2006	11 / 9%	11 / 0%	39 / 5%	9/11%	15 / 7%	1/0%	1/0%	7 / 0%	15 / 7%	15 / 0%	3/0%	9/0%
2007	43 / 5%	57 / 5%	79 / 4%	50 / 6%	85 / 0%	18 / 0%	11/0%	29 / 3%	62 / 3%	132 / 3%	30 / 0%	45 / 0%
2008	13 / 8%	6/0%	45 / 2%	13 / 0%	11 / 0%	4 / 25%	9/0%	7/0%	20 / 0%	21 / 10%	5/0%	17 / 0%
2009	38 / 3%	41 / 5%	71 / 4%	59 / 3%	84 / 0%	37 / 0%	21/0%	24 / 0%	54 / 2%	119 / 2%	32 / 9%	46 / 4%
2010	15 / 13%	12 / 0%	44 / 2%	11/0%	29 / 3%	8/0%	13 / 0%	14 / 0%	22 / 5%	23 / 9%	5/0%	15 / 0%
2011	41/0%	67 / 0%	82 / 2%	90 / 2%	139 / 1%	80 / 1%	31/3%	63 / 2%	66 / 2%	173 / 4%	27 / 4%	74 / 1%
2012	10 / 10%	14 / 7%	48 / 6%	14 / 7%	58 / 0%	13 / 0%	41/0%	17 / 0%	23 / 0%	28 / 0%	12 / 17%	27 / 0%
2013	59 / 3%	72 / 3%	100 / 6%	103 / 2%	210 / 0%	103 / 1%	76 / 0%	73 / 1%	74 / 1%	210 / 1%	46 / 0%	179 / 1%
2014	23 / 0%	12 / 0%	45 / 2%	15 / 0%	91 / 1%	28 / 0%	85 / 0%	31/0%	21 / 0%	30 / 3%	9/11%	54 / 0%
2015	66 / 5%	84 / 0%	70 / 4%	135 / 3%	359 / 0%	136 / 0%	146 / 1%	149 / 1%	71 / 0%	218 / 0%	56 / 4%	217 / 1%
2016	13 / 0%	21/0%	29 / 0%	17 / 6%	111/0%	48 / 0%	141 / 0%	46 / 2%	23 / 9%	32 / 0%	19 / 11%	90 / 0%
2017	71 / 4%	84 / 0%	59 / 2%	122 / 2%	483 / 0%	142 / 0%	206 / 0%	199 / 0%	75 / 1%	225 / 0%	55 / 2%	336 / 0%
2018	16 / 0%	14 / 0%	17 / 6%	16 / 0%	178 / 0%	32 / 0%	200 / 0%	55 / 0%	19 / 0%	24 / 0%	7 / 0%	197 / 0%
2019	49 / 0%	72 / 0%	38 / 0%	79 / 0%	655 / 0%	232 / 0%	339 / 0%	219 / 0%	69 / 0%	173 / 0%	35 / 3%	401 / 0%
2020	6/0%	5/0%	8/0%	11/0%	478 / 0%	197 / 0%	729 / 0%	136 / 1%	15 / 0%	17 / 0%	8/0%	334 / 0%
2021	22 / 0%	50 / 0%	14 / 0%	80 / 0%	615 / 0%	392 / 0%	538 / 0%	219 / 0%	20 / 0%	77 / 0%	23 / 4%	336 / 2%
2022	2/0%	2/0%	4/0%	5/0%	144 / 0%	83 / 1%	127 / 0%	59 / 0%	2/0%	4/0%	3/0%	144 / 0%
2023	0/0%	1/0%	1/0%	0/0%	98 / 0%	35 / 0%	25 / 0%	28 / 0%	0/0%	3/0%	3/0%	19 / 0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	2/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	628 / 4%	805 / 3%	986 / 4%	969 / 3%	3987 / 0%	1656 / 0%	2767 / 0%	1447 / 1%	823 / 2%	1741 / 2%	435 / 4%	2613 / 1%

		Att	tachment 1	5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year an	d Test Stat	ion	
	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	092245	096110	096237	096162	096099	096046	096644	050078	096167	096902	092118	092032
1996	1/0%	0/0%	3/0%	2 / 50%	1/0%	1/0%	0/0%	0/0%	1/100%	0/0%	0/0%	0/0%
1997	2/0%	2 / 50%	12 / 0%	4 / 0%	7/0%	4/0%	2/0%	2/0%	14 / 7%	3/0%	2/0%	0 / 0%
1998	1/0%	0/0%	2/0%	2/0%	8/0%	2/0%	1/0%	2/0%	1/0%	4/0%	0/0%	1/0%
1999	5/0%	5/0%	6/0%	11 / 9%	18 / 0%	5 / 0%	8 / 12%	5 / 20%	17 / 0%	8/0%	3 / 33%	2 / 50%
2000	4/0%	1/0%	2/0%	7 / 0%	4 / 25%	3/0%	3/0%	1/0%	6 / 17%	6/0%	3/0%	3/0%
2001	10 / 0%	2/0%	15 / 0%	7 / 14%	20 / 5%	8/0%	14 / 7%	6/33%	14 / 7%	10 / 0%	10 / 10%	3/0%
2002	2 / 50%	2/0%	6/0%	6/0%	14 / 29%	1/0%	5/0%	4 / 0%	7 / 0%	6/0%	1/0%	2/0%
2003	14 / 0%	5 / 20%	17 / 6%	15 / 7%	24 / 4%	9/0%	15 / 7%	10 / 0%	28 / 14%	17 / 12%	13 / 8%	2/0%
2004	4/0%	3/0%	9/0%	7/0%	14 / 7%	5/0%	10 / 10%	1/0%	9/11%	11/0%	3/0%	5/0%
2005	18 / 0%	11 / 0%	32 / 6%	24 / 4%	53 / 0%	22 / 0%	23 / 13%	12 / 8%	43 / 5%	29 / 14%	17 / 6%	8/0%
2006	3/0%	2/0%	12 / 8%	8/0%	23 / 4%	17 / 0%	4 / 0%	4/0%	15 / 20%	9 / 22%	7 / 14%	11 / 0%
2007	25 / 0%	5/0%	60 / 0%	42 / 7%	70 / 6%	32 / 0%	35 / 11%	15 / 0%	49 / 4%	43 / 2%	16 / 6%	11 / 0%
2008	6/17%	5/0%	13 / 8%	14 / 7%	35 / 6%	18 / 0%	6/0%	3/0%	16 / 12%	14/0%	5/0%	9/0%
2009	36 / 3%	8/0%	60 / 2%	48 / 4%	63 / 0%	35 / 0%	26 / 0%	12 / 8%	33 / 3%	30 / 0%	27 / 4%	14 / 0%
2010	9/0%	4/0%	20 / 5%	21 / 10%	42 / 2%	18 / 0%	6/0%	1/0%	9/0%	21 / 5%	4/0%	14 / 0%
2011	61 / 0%	8/0%	96 / 2%	65 / 5%	73 / 3%	40 / 0%	26 / 12%	19 / 0%	47 / 17%	54 / 2%	46 / 2%	24 / 4%
2012	9/0%	1/0%	32 / 6%	31/3%	40 / 0%	23 / 0%	8/12%	3/0%	11/9%	27 / 4%	13 / 8%	16 / 0%
2013	84 / 0%	7 / 14%	169 / 1%	92 / 3%	86 / 2%	47 / 0%	42 / 5%	18 / 0%	65 / 5%	76 / 1%	67 / 6%	42 / 2%
2014	22 / 0%	1/0%	48 / 0%	26 / 4%	40 / 5%	22 / 0%	9/11%	3/0%	13 / 8%	19 / 11%	6/0%	32 / 0%
2015	146 / 0%	8/0%	246 / 2%	107 / 3%	87 / 1%	34 / 0%	30 / 3%	17 / 0%	67 / 1%	89 / 3%	77 / 3%	52 / 0%
2016	46 / 2%	2/0%	57 / 0%	22 / 0%	30 / 7%	8/0%	7 / 43%	1/0%	9/0%	27 / 4%	12 / 0%	64 / 0%
2017	178 / 0%	7 / 0%	275 / 0%	122 / 2%	90 / 1%	34 / 0%	45 / 7%	13 / 0%	76 / 0%	94 / 1%	88 / 2%	106 / 0%
2018	69 / 0%	1/0%	68 / 0%	25 / 0%	22 / 0%	5/0%	7 / 0%	6/0%	8/0%	29 / 7%	13 / 0%	89 / 1%
2019	213 / 0%	4/0%	254 / 0%	107 / 2%	46 / 0%	13 / 0%	42 / 0%	11/0%	43 / 0%	77 / 0%	61 / 2%	113 / 1%
2020	184 / 1%	1/0%	61/0%	23 / 0%	5/0%	2/0%	8/0%	1/0%	6/0%	31 / 3%	11/0%	144 / 0%
2021	110 / 1%	4/0%	195 / 0%	63 / 0%	19 / 0%	4/0%	24 / 0%	2/0%	19 / 0%	45 / 0%	44 / 0%	95 / 0%
2022	36 / 0%	0/0%	25 / 0%	8/0%	2/0%	0/0%	3/0%	1/0%	3/0%	7/0%	3/0%	23 / 0%
2023	11/0%	0/0%	14 / 0%	3/0%	3/0%	0/0%	0/0%	0/0%	1/0%	2/0%	2/0%	0/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	1309 / 1%	99 / 3%	1809 / 1%	912 / 3%	939 / 3%	412 / 0%	409 / 6%	173 / 3%	630 / 5%	788 / 3%	554 / 3%	885 / 1%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year an	d Test Stat	ion	
Madal Vass	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	296139	096134	096032	115020	115039	096402	115047	092019	092294	115214	050019	096045
1996	0/0%	1/0%	0/0%	1/0%	0/0%	3/0%	4/0%	0/0%	1/0%	0/0%	3/0%	1/0%
1997	8/0%	4/0%	5 / 20%	2/0%	4/0%	4/0%	0/0%	3 / 33%	6/0%	2/0%	14 / 0%	7 / 0%
1998	0/0%	4 / 0%	1/0%	1/0%	0/0%	2/0%	3/0%	3/0%	2/0%	0/0%	4/0%	3/0%
1999	13 / 8%	6 / 17%	32 / 3%	5/0%	10 / 0%	6/0%	4/0%	3/0%	15 / 7%	3/0%	15 / 7%	4/0%
2000	0/0%	10 / 0%	8/12%	1/0%	1/0%	3/0%	6/0%	4/0%	4/0%	0/0%	5 / 20%	0/0%
2001	10 / 0%	20 / 0%	26 / 8%	5/0%	7/0%	14 / 0%	9/0%	5 / 20%	23 / 4%	6/17%	23 / 0%	5/0%
2002	6/0%	5/0%	16/0%	2/0%	2/0%	1/0%	4/0%	5/0%	0/0%	5 / 20%	9/0%	1/0%
2003	21/0%	26 / 19%	60 / 12%	17 / 0%	18 / 0%	27 / 4%	25 / 4%	16 / 6%	29 / 3%	7 / 0%	42 / 12%	6/0%
2004	1/0%	17 / 6%	34 / 6%	4/0%	5/0%	8 / 12%	18 / 6%	6/0%	10 / 20%	11/9%	9/0%	5/0%
2005	30 / 10%	46 / 9%	56 / 14%	23 / 0%	27 / 0%	23 / 0%	22 / 5%	15 / 0%	42 / 0%	16 / 6%	39 / 5%	6/0%
2006	4/0%	25 / 4%	29 / 14%	10 / 0%	7 / 0%	14 / 7%	27 / 4%	5/0%	10 / 10%	4/0%	11/0%	6/0%
2007	24 / 0%	72 / 6%	93 / 6%	41 / 5%	36 / 0%	45 / 2%	44 / 7%	17 / 0%	57 / 4%	26 / 8%	51 / 10%	5/0%
2008	7/0%	48 / 8%	46 / 7%	13 / 0%	4/0%	12 / 0%	29 / 3%	10 / 0%	14/0%	13 / 8%	13 / 23%	6/0%
2009	35 / 6%	65 / 8%	54 / 7%	34 / 0%	25 / 0%	23 / 0%	55 / 5%	9/0%	56 / 4%	47 / 4%	27 / 4%	13 / 8%
2010	6/0%	36 / 6%	33 / 9%	19 / 11%	6/0%	13 / 0%	38 / 0%	6/0%	10 / 0%	8/0%	10 / 10%	1/0%
2011	29 / 7%	95 / 2%	82 / 7%	55 / 0%	36 / 0%	43 / 2%	64 / 2%	17 / 0%	69 / 4%	45 / 0%	48 / 0%	9/0%
2012	2/0%	63 / 3%	32 / 3%	18 / 6%	8/0%	17 / 0%	54 / 2%	10 / 0%	16 / 6%	23 / 0%	11/0%	4/0%
2013	28 / 4%	94 / 2%	97 / 4%	104 / 0%	51/0%	31/0%	53 / 2%	14 / 0%	144 / 1%	71 / 8%	80 / 8%	14 / 7%
2014	2/0%	34 / 3%	46 / 2%	25 / 4%	13 / 0%	16 / 6%	46 / 2%	11/0%	15 / 7%	14 / 0%	17 / 0%	3/0%
2015	37 / 0%	92 / 2%	122 / 5%	134 / 3%	62 / 0%	48 / 0%	32 / 0%	25 / 0%	128 / 1%	92 / 4%	102 / 2%	14 / 0%
2016	4/0%	37 / 0%	29 / 0%	52 / 4%	11 / 0%	8/0%	21/0%	6/0%	8/0%	15 / 0%	21 / 10%	0/0%
2017	28 / 7%	55 / 2%	123 / 4%	143 / 1%	75 / 0%	29 / 0%	16 / 6%	25 / 0%	143 / 1%	98 / 3%	119 / 1%	17 / 0%
2018	2/0%	17 / 0%	28 / 0%	59 / 2%	11 / 0%	4/0%	9/0%	5/0%	6/0%	19/0%	14 / 0%	4/0%
2019	10 / 0%	32 / 6%	81 / 4%	189 / 2%	48 / 0%	18 / 0%	12 / 0%	15 / 0%	101 / 0%	85 / 0%	90 / 3%	9/0%
2020	2/0%	12 / 0%	20 / 0%	105 / 1%	9/0%	0/0%	2/0%	1/0%	17 / 0%	30 / 0%	11/0%	4/0%
2021	13 / 0%	12 / 0%	35 / 0%	176 / 1%	32 / 0%	10 / 0%	3/0%	3/0%	57 / 0%	39 / 0%	47 / 0%	2/0%
2022	2/0%	1/0%	3/0%	83 / 0%	1/0%	2/0%	1/0%	1/0%	2/0%	7/0%	4/0%	0/0%
2023	0/0%	0/0%	1/0%	48 / 0%	1/0%	1/0%	0/0%	0/0%	0/0%	4/0%	1/0%	0/0%
2024	0/0%	0/0%	0/0%	2/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	324 / 3%	929 / 4%	1192 / 6%	1371 / 2%	510 / 0%	425 / 1%	601 / 3%	240 / 1%	985 / 2%	690 / 3%	840 / 4%	149 / 1%

		Att	achment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year an	d Test Stat	ion	
Madel Veer	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	096139	096347	096337	096286	096701	092120	092077	092187	096652	092124	092148	092016
1996	0/0%	1/0%	0/0%	0/0%	0/0%	2 / 50%	0/0%	5 / 20%	0/0%	0/0%	1/0%	0/0%
1997	5 / 20%	12 / 0%	1/0%	3/0%	13 / 15%	7 / 0%	3/0%	17 / 18%	6/0%	1/0%	12 / 8%	5/0%
1998	0/0%	4/0%	0/0%	1/0%	4 / 25%	3/0%	1/100%	5/0%	0/0%	0/0%	4/0%	4/0%
1999	10 / 0%	12 / 17%	2 / 50%	7 / 0%	22 / 9%	14 / 14%	6/0%	21 / 0%	11/0%	0/0%	14 / 7%	11 / 0%
2000	1/0%	2/0%	1/0%	2/0%	9/11%	2 / 50%	2/0%	5/0%	1/0%	2/0%	3/0%	1/0%
2001	7 / 0%	12 / 0%	4/0%	6/0%	17 / 6%	23 / 9%	4/0%	36 / 14%	8/0%	0/0%	23 / 26%	16 / 0%
2002	1/0%	5 / 20%	0/0%	3/0%	9 / 22%	13 / 8%	3 / 33%	4/0%	0/0%	0/0%	8 / 12%	5/0%
2003	7 / 0%	18 / 11%	4/0%	18 / 0%	37 / 22%	41 / 5%	15 / 20%	45 / 2%	16 / 0%	0/0%	38 / 11%	27 / 0%
2004	3/0%	3/0%	2/0%	6/0%	7 / 0%	16 / 12%	6/17%	14 / 0%	6/0%	0/0%	10 / 10%	4/0%
2005	21 / 5%	17 / 0%	8/0%	23 / 0%	32 / 3%	78 / 6%	12 / 8%	62 / 0%	19 / 0%	4/0%	57 / 11%	35 / 3%
2006	4/0%	10 / 10%	3/0%	8/0%	2/0%	16 / 0%	3/0%	10 / 10%	11/0%	4 / 25%	16 / 25%	2/0%
2007	12 / 0%	40 / 2%	14 / 7%	24 / 0%	45 / 9%	98 / 7%	21 / 0%	68 / 1%	30 / 10%	10 / 0%	59 / 7%	33 / 0%
2008	3/0%	10 / 10%	3/0%	4/0%	9/0%	34 / 9%	4 / 25%	11/0%	13 / 0%	6/0%	24 / 12%	7 / 0%
2009	25 / 0%	30 / 0%	10 / 0%	22 / 5%	26 / 0%	56 / 4%	16 / 0%	46 / 2%	30 / 0%	11 / 9%	58 / 5%	35 / 0%
2010	5/0%	9/0%	3/0%	3/0%	13 / 0%	22 / 5%	10 / 20%	17 / 0%	9/0%	6/0%	19 / 0%	10 / 0%
2011	27 / 4%	46 / 0%	21 / 5%	18 / 0%	46 / 0%	106 / 3%	31/6%	80 / 0%	74 / 0%	24 / 0%	79 / 4%	43 / 0%
2012	6/0%	7 / 0%	5 / 20%	7 / 0%	11/0%	44 / 2%	5/0%	11 / 0%	18 / 0%	25 / 0%	33 / 3%	10 / 0%
2013	32 / 0%	97 / 2%	34 / 0%	43 / 0%	33 / 3%	167 / 3%	46 / 2%	87 / 1%	98 / 0%	72 / 1%	124 / 4%	69 / 0%
2014	6/0%	13 / 0%	5 / 20%	8/0%	6/0%	49 / 2%	14 / 7%	22 / 0%	42 / 0%	31/0%	33 / 3%	11/0%
2015	42 / 2%	172 / 1%	40 / 8%	38 / 0%	51/0%	194 / 3%	48 / 0%	103 / 0%	145 / 1%	99 / 0%	189 / 1%	68 / 0%
2016	2/0%	28 / 4%	5 / 20%	5/0%	8/0%	56 / 0%	9/0%	10 / 0%	52 / 0%	55 / 2%	38 / 5%	11/0%
2017	35 / 0%	226 / 0%	38 / 3%	32 / 0%	39 / 3%	210 / 1%	56 / 5%	84 / 0%	162 / 0%	115 / 1%	185 / 2%	71 / 0%
2018	4/0%	53 / 4%	4/0%	5/0%	5/0%	28 / 0%	13 / 0%	10 / 0%	71 / 0%	66 / 0%	30 / 3%	12 / 0%
2019	15 / 7%	326 / 0%	22 / 0%	30 / 0%	38 / 0%	157 / 1%	40 / 0%	78 / 0%	216 / 0%	138 / 0%	176 / 1%	66 / 0%
2020	1/0%	72 / 0%	2/0%	8/0%	4 / 0%	25 / 0%	8/0%	11 / 0%	143 / 0%	132 / 0%	25 / 0%	11/0%
2021	17 / 0%	259 / 0%	24 / 0%	29 / 0%	19 / 0%	72 / 0%	40 / 5%	41 / 0%	240 / 0%	231 / 0%	104 / 0%	46 / 0%
2022	3/0%	55 / 0%	18 / 0%	1/0%	1/0%	6/0%	1/0%	4/0%	79 / 0%	54 / 0%	5/0%	2/0%
2023	0/0%	13 / 0%	8/0%	0/0%	0/0%	1/0%	1/0%	1/0%	53 / 0%	37 / 0%	1/0%	2/0%
2024	0/0%	2/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	2/0%	1/0%	0/0%	0/0%
Total	294 / 2%	1554 / 1%	281 / 4%	354 / 0%	506 / 5%	1540 / 3%	418 / 5%	908 / 2%	1555 / 0%	1124 / 0%	1368 / 4%	617 / 0%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	el Year an	d Test Stat	ion	
Model Year	Station 096092	Station 096295	Station 096432	Station 092180	Station 050129	Station 092240	Station 096486	Station 096215	Station 096273	Station 096315	Station 050030	Station 096145
1996	1/0%	0/0%	1/0%	1/100%	1/0%	0/0%	0/0%	0/0%	1/0%	2 / 50%	3 / 0%	0/0%
1997	7/0%	2/0%	6/0%	10 / 20%	8/0%	1/0%	0/0%	2/0%	6/0%	6/0%	8 / 25%	10 / 10%
1998	0/0%	0/0%	0/0%	5 / 20%	2/0%	1/0%	1/0%	0/0%	2/0%	0/0%	1/0%	4/0%
1999	8/0%	9/0%	12 / 8%	14 / 7%	15 / 0%	4/0%	3/0%	7/0%	16 / 0%	7/0%	9/11%	14 / 7%
2000	3/0%	0/0%	4/0%	2/0%	4 / 25%	3/0%	0/0%	0/0%	3/0%	3/0%	8 / 12%	0/0%
2001	17 / 0%	18 / 6%	14/0%	13 / 8%	19 / 11%	8/12%	5/0%	6/0%	21/5%	16/0%	22 / 5%	20 / 5%
2001	4/0%	4 / 25%	4 / 25%	7/0%	7 / 14%	1/0%	1/0%	2/0%	6/33%	4/0%	9/0%	5 / 20%
2002	18 / 0%	13 / 0%	19 / 11%	38 / 16%	39 / 0%	9/0%	7/0%	14/0%	35 / 3%	24 / 8%	24 / 4%	33 / 9%
2003	6/0%	3/0%	9/0%	10 / 10%	7/0%	3/0%	7/0%	0/0%	13 / 23%	5/0%	3/0%	4 / 25%
2004	33 / 3%	26 / 4%	32 / 3%	41 / 17%	21/0%	15 / 0%	5/0%	17 / 0%	31 / 19%	38 / 5%	25 / 8%	32 / 6%
2005	9/11%	7/0%	8/0%	10 / 0%	6/0%	5/20%	1/0%	6/0%	15 / 7%	9/11%	5 / 20%	11/9%
2007	43 / 0%	51/0%	38 / 8%	49 / 10%	53 / 0%		11/9%		56 / 9%		55 / 5%	53 / 6%
2007		-				28 / 4%		29 / 3%		58 / 9%		
2008	17 / 6% 46 / 2%	10 / 0%	12 / 0% 39 / 0%	17 / 6%	11 / 0%	8/0%	5/0%	8/0%	20 / 5%	10 / 0%	8/0%	10 / 10%
2010		56 / 4%	_	44 / 14%	37 / 0%	36 / 3%	14/0%	34 / 0%	48 / 4%	47 / 0%	28 / 4%	40 / 5%
	18 / 0%	10 / 0%	15 / 7%	23 / 4%	7/0%	4/0%	5/0%	17 / 0%	10 / 0%	13 / 0%	5/0%	5/0%
2011	57 / 0%	75 / 0%	68 / 6%	67 / 1%	59 / 0%	41 / 2%	68 / 0%	76 / 3%	78 / 1%	68 / 1%	40 / 2%	61 / 7%
2012	17 / 6%	21 / 0%	18 / 6%	18 / 11%	12 / 8%	13 / 15%	22 / 0%	39 / 0%	16 / 6%	16 / 0%	7/0%	10 / 10%
2013	51/0%	118 / 2%	93 / 1%	85 / 1%	81/0%	65 / 2%	136 / 0%	143 / 1%	103 / 5%	117 / 1%	41 / 10%	77 / 1%
2014	15 / 0%	34 / 0%	14 / 7%	21 / 10%	9/0%	12 / 8%	32 / 3%	48 / 0%	20 / 10%	26 / 8%	5/0%	12 / 0%
2015	62 / 2%	243 / 1%	107 / 0%	97 / 1%	102 / 0%	70 / 1%	176 / 1%	311 / 1%	107 / 2%	143 / 1%	52 / 0%	73 / 1%
2016	3/0%	56 / 0%	20 / 0%	18 / 11%	16 / 0%	16 / 0%	63 / 0%	88 / 2%	34 / 0%	51/0%	10 / 0%	11/0%
2017	57 / 0%	288 / 1%	113 / 4%	111/3%	108 / 0%	74 / 0%	214 / 1%	380 / 0%	142 / 1%	164 / 0%	74 / 4%	89 / 0%
2018	6/0%	89 / 0%	17/0%	14 / 7%	7/0%	8/0%	83 / 0%	122 / 0%	43 / 0%	63 / 0%	11/0%	7/0%
2019	35 / 0%	385 / 0%	103 / 1%	75 / 0%	71/0%	70 / 1%	190 / 0%	435 / 0%	105 / 1%	143 / 0%	53 / 0%	55 / 0%
2020	10 / 0%	269 / 0%	18 / 0%	12 / 0%	9/0%	13 / 0%	154 / 0%	325 / 0%	23 / 0%	50 / 0%	7/0%	6/0%
2021	16 / 0%	337 / 0%	76 / 1%	46 / 0%	43 / 0%	31/0%	256 / 1%	569 / 0%	64 / 0%	92 / 0%	23 / 0%	22 / 0%
2022	2/0%	66 / 0%	3/0%	5/0%	2/0%	7/0%	103 / 0%	186 / 0%	6/0%	18 / 0%	3/0%	1/0%
2023	0/0%	22 / 5%	0/0%	1/0%	2/0%	3/0%	68 / 0%	138 / 0%	3/0%	4/0%	0/0%	1/0%
2024	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%	4/0%	1/0%	0/0%	0/0%	0/0%	0/0%
Total	561 / 1%	2213 / 1%	863 / 3%	854 / 5%	758 / 1%	549 / 2%	1634 / 0%	3003 / 0%	1027 / 4%	1197 / 1%	539 / 4%	666 / 4%

		Ati	tachment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ite by Mod	lel Year an	d Test Stati	ion	
Model Year	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
woder fear	092249	096948	096000	115142	115417	115353	096385	096546	115333	036007	115051	050122
1996	2/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	1/0%	0/0%	2/0%
1997	17 / 12%	3/0%	1/0%	4 / 25%	1/0%	11 / 18%	7 / 43%	1/0%	11/0%	1/0%	3/0%	3/0%
1998	2/50%	0/0%	0/0%	2/0%	0/0%	2/0%	2 / 50%	1/0%	3/0%	0/0%	2/0%	1/0%
1999	29 / 10%	12 / 0%	3/0%	13 / 8%	1/0%	15 / 0%	11/9%	11 / 18%	8/0%	5/0%	2/0%	11 / 9%
2000	9/0%	5/0%	0/0%	5 / 20%	0/0%	9/0%	3/0%	6/0%	9/0%	4/0%	4 / 0%	2/0%
2001	37 / 8%	12 / 0%	2/0%	18 / 11%	3/0%	16 / 6%	22 / 9%	12 / 0%	21 / 14%	7 / 0%	13 / 8%	19 / 16%
2002	8 / 12%	3/0%	0/0%	13 / 0%	0/0%	4/0%	4 / 25%	3/0%	7/0%	5/0%	4/0%	4/0%
2003	74 / 4%	24 / 0%	1/0%	29 / 14%	5 / 40%	31/3%	33 / 12%	13 / 0%	39 / 0%	10 / 0%	8/0%	32 / 0%
2004	22 / 18%	7 / 0%	1/0%	18 / 6%	3/0%	10 / 0%	10 / 10%	1/0%	11/0%	5/0%	6 / 17%	6/0%
2005	102 / 1%	25 / 0%	9/0%	45 / 7%	3 / 33%	31/3%	67 / 1%	24 / 0%	46 / 2%	11/0%	20 / 5%	27 / 0%
2006	17 / 0%	7 / 0%	4/0%	21/0%	4/0%	8/0%	14 / 0%	3/0%	21/0%	16 / 0%	4/0%	8 / 12%
2007	126 / 4%	41 / 0%	26 / 0%	46 / 4%	10 / 0%	50 / 4%	78 / 9%	36 / 3%	72 / 0%	13 / 0%	22 / 0%	30 / 7%
2008	26 / 4%	10 / 0%	10 / 0%	28 / 0%	8/0%	14 / 7%	24 / 17%	4 / 25%	21/5%	11/0%	9/0%	8/0%
2009	116 / 5%	25 / 0%	23 / 0%	50 / 4%	17 / 0%	47 / 6%	72 / 3%	25 / 0%	62 / 3%	6/0%	29 / 10%	38 / 3%
2010	26 / 4%	10 / 0%	11/0%	17 / 6%	7 / 0%	12 / 8%	26 / 4%	7 / 0%	14 / 0%	9/0%	12 / 8%	5/0%
2011	182 / 2%	33 / 0%	38 / 3%	72 / 0%	29 / 3%	54 / 0%	117 / 4%	32 / 3%	61 / 2%	12 / 0%	38 / 3%	45 / 2%
2012	33 / 3%	11/0%	17 / 0%	27 / 0%	14 / 14%	11/0%	33 / 9%	8/0%	21 / 10%	12 / 0%	9/11%	15 / 7%
2013	254 / 2%	44 / 2%	73 / 0%	69 / 3%	21/0%	52 / 6%	193 / 2%	48 / 4%	90 / 3%	12 / 0%	27 / 0%	84 / 0%
2014	43 / 5%	15 / 0%	50 / 2%	37 / 3%	14 / 0%	15 / 0%	38 / 3%	17 / 0%	35 / 6%	7/0%	11 / 0%	26 / 0%
2015	267 / 1%	36 / 0%	106 / 0%	67 / 3%	28 / 4%	43 / 5%	181 / 2%	53 / 0%	89 / 1%	9/0%	42 / 2%	94 / 2%
2016	37 / 0%	10 / 0%	87 / 0%	19 / 0%	8/0%	10 / 0%	39 / 5%	16 / 0%	22 / 0%	2/0%	10 / 10%	19 / 0%
2017	316 / 1%	52 / 2%	133 / 0%	43 / 2%	19 / 5%	35 / 0%	234 / 3%	56 / 0%	89 / 1%	3/0%	50 / 2%	131 / 0%
2018	37 / 0%	9/0%	107 / 0%	13 / 0%	10 / 0%	5/0%	39 / 0%	12 / 0%	16 / 0%	0/0%	8/0%	21/0%
2019	253 / 0%	31 / 0%	168 / 0%	38 / 0%	14 / 0%	26 / 0%	161 / 1%	31/0%	61 / 0%	0/0%	43 / 5%	104 / 0%
2020	28 / 0%	6/0%	143 / 0%	9/0%	5/0%	4/0%	38 / 0%	30 / 0%	13 / 0%	2/0%	7 / 0%	24 / 0%
2021	143 / 0%	12 / 0%	211 / 0%	18 / 0%	6/0%	6/0%	105 / 1%	39 / 0%	38 / 3%	2/0%	17 / 0%	87 / 0%
2022	7 / 0%	2/0%	57 / 0%	2/0%	3/0%	1/0%	9/11%	8/0%	6/0%	0/0%	4/0%	15 / 0%
2023	4/0%	0/0%	30 / 0%	3/0%	0/0%	0/0%	3/0%	8/0%	2/0%	0/0%	1/0%	5/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	2217 / 2%	445 / 0%	1311 / 0%	726 / 3%	233 / 3%	522 / 3%	1563 / 4%	505 / 1%	888 / 2%	165 / 0%	405 / 3%	866 / 1%

		Att	achment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year an	d Test Stat	ion	
	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	092110	096961	096146	096509	096170	096375	092298	096059	092022	115345	096673	096989
1996	0/0%	1/0%	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	2/0%
1997	6/0%	3/0%	4/0%	3/0%	3/0%	2/0%	2/0%	3/0%	0/0%	5 / 20%	9/0%	7/0%
1998	4 / 0%	2/0%	2/0%	1/0%	0/0%	2/0%	1/100%	2/0%	0/0%	2 / 50%	2/0%	1/0%
1999	14 / 7%	3/0%	12 / 25%	12 / 0%	8/0%	5/0%	11 / 18%	19 / 0%	0/0%	9/11%	10 / 0%	15 / 7%
2000	4 / 0%	2/0%	5 / 20%	1/0%	2/0%	0/0%	0/0%	2 / 50%	0/0%	0/0%	5/0%	7 / 14%
2001	19 / 5%	10 / 10%	20 / 5%	13 / 0%	15 / 0%	5/0%	4/0%	12 / 25%	0/0%	5/0%	16 / 6%	23 / 0%
2002	5 / 20%	7/0%	1/0%	4/0%	5/0%	0/0%	1/0%	3/0%	1/0%	6/0%	5/0%	8/0%
2003	25 / 4%	18 / 11%	25 / 4%	26 / 0%	16 / 0%	18 / 11%	10 / 0%	23 / 17%	3/0%	12 / 8%	20 / 0%	30 / 13%
2004	15 / 7%	6/0%	5/0%	10 / 0%	3/0%	0/0%	2/0%	12 / 0%	3/0%	5/0%	9/11%	12 / 8%
2005	35 / 9%	24 / 4%	41 / 5%	36 / 6%	23 / 0%	21/0%	13 / 0%	37 / 5%	0/0%	27 / 11%	37 / 0%	79 / 10%
2006	11 / 9%	9 / 44%	7 / 14%	4 / 0%	6/0%	2/0%	4/0%	12 / 8%	5/0%	10 / 0%	7 / 0%	15 / 0%
2007	41 / 0%	35 / 9%	46 / 9%	40 / 5%	25 / 0%	28 / 0%	18 / 0%	59 / 3%	3/0%	34 / 6%	63 / 3%	109 / 3%
2008	15 / 7%	24 / 8%	12 / 8%	9/0%	12 / 0%	4/0%	3/0%	23 / 13%	7/0%	8/12%	9/11%	17 / 6%
2009	40 / 2%	34 / 3%	41 / 7%	39 / 8%	22 / 0%	29 / 0%	21 / 10%	39 / 0%	5/0%	29 / 0%	67 / 4%	90 / 2%
2010	14 / 0%	10 / 20%	7 / 0%	7 / 0%	4/0%	11/9%	8/0%	17 / 6%	16 / 0%	12 / 0%	21/5%	18 / 11%
2011	74 / 5%	60 / 5%	52 / 2%	50 / 0%	47 / 0%	57 / 0%	33 / 0%	91 / 4%	21/0%	63 / 0%	93 / 2%	127 / 3%
2012	21 / 5%	37 / 3%	11 / 18%	12 / 0%	6/0%	9/0%	17 / 12%	19 / 11%	20 / 0%	18 / 6%	17 / 6%	38 / 3%
2013	68 / 3%	220 / 4%	60 / 3%	96 / 1%	44 / 0%	78 / 1%	36 / 0%	106 / 5%	45 / 0%	89 / 2%	136 / 1%	196 / 3%
2014	17 / 0%	90 / 3%	7 / 14%	18 / 0%	10 / 0%	28 / 0%	17 / 0%	25 / 12%	57 / 0%	11/0%	18 / 0%	38 / 8%
2015	70 / 1%	333 / 2%	72 / 0%	119 / 1%	53 / 0%	112 / 0%	43 / 0%	107 / 1%	70 / 0%	83 / 1%	168 / 0%	183 / 1%
2016	14 / 0%	97 / 1%	15 / 0%	19 / 0%	15 / 0%	34 / 0%	18 / 0%	27 / 4%	72 / 0%	21/0%	24 / 0%	39 / 0%
2017	88 / 3%	375 / 1%	73 / 1%	124 / 2%	55 / 0%	166 / 0%	29 / 3%	126 / 2%	111/0%	103 / 1%	170 / 1%	199 / 1%
2018	21/0%	112 / 2%	12 / 0%	16 / 0%	8/0%	59 / 0%	5/0%	30 / 3%	128 / 0%	18 / 6%	19 / 0%	35 / 3%
2019	75 / 1%	322 / 0%	56 / 4%	99 / 0%	47 / 0%	184 / 1%	19 / 0%	99 / 0%	154 / 0%	68 / 0%	140 / 1%	165 / 1%
2020	12 / 0%	85 / 1%	8/0%	20 / 0%	9/0%	184 / 0%	1/0%	24 / 0%	123 / 0%	8/0%	20 / 0%	36 / 0%
2021	35 / 0%	156 / 1%	35 / 0%	72 / 0%	33 / 0%	117 / 0%	14 / 0%	44 / 0%	95 / 0%	42 / 0%	78 / 1%	85 / 0%
2022	5/0%	13 / 0%	3/0%	14 / 0%	3/0%	25 / 0%	0/0%	10 / 0%	63 / 0%	3/0%	7 / 0%	9/0%
2023	1/0%	8/0%	0/0%	11/0%	3/0%	11 / 0%	0/0%	2/0%	28 / 0%	2/0%	0/0%	1/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	2/0%	0/0%	0/0%	0/0%
Total	749 / 3%	2096 / 2%	632 / 4%	876 / 1%	477 / 0%	1191 / 0%	330 / 2%	973 / 4%	1032 / 0%	693 / 2%	1170 / 1%	1584 / 3%

		Att	achment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	el Year an	d Test Stat	ion	
Model Year	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Widuel Year	096984	115030	092182	096217	092083	092246	096300	096929	115102	096108	096731	115217
1996	1/0%	0/0%	0/0%	0/0%	3/0%	1/0%	0/0%	1/0%	0/0%	0/0%	2/0%	0/0%
1997	8/0%	1/0%	1/0%	5/0%	11/9%	5/0%	2/0%	10 / 10%	1/100%	1/0%	12 / 8%	5/0%
1998	0/0%	1/0%	0/0%	5/0%	2 / 50%	2/0%	0/0%	1/0%	1/0%	0/0%	2/0%	0/0%
1999	6 / 17%	5/0%	6/0%	4/0%	22 / 5%	12 / 0%	2/0%	14 / 21%	4/0%	4/0%	13 / 23%	17 / 6%
2000	1/0%	1/0%	0/0%	6/17%	4/0%	5 / 20%	2 / 50%	4/0%	0/0%	3/0%	0/0%	3/0%
2001	6/0%	10 / 0%	2/0%	18 / 11%	29 / 17%	16 / 19%	5/0%	12 / 0%	4/0%	6/0%	24 / 12%	18 / 22%
2002	2/0%	3 / 33%	4/0%	11/0%	7/0%	7/0%	0/0%	12 / 0%	3/0%	1/0%	5 / 60%	5/0%
2003	18 / 0%	18 / 0%	4/0%	18 / 6%	68 / 4%	28 / 0%	8/0%	26 / 0%	13 / 8%	10 / 10%	32 / 19%	29 / 7%
2004	5/0%	1/0%	3/0%	8/0%	15 / 0%	9/0%	3/0%	3/0%	7 / 14%	3/0%	13 / 8%	4/0%
2005	19 / 0%	21 / 0%	8/0%	27 / 0%	91 / 7%	49 / 4%	14 / 7%	24 / 0%	11 / 0%	18 / 6%	51 / 4%	32 / 9%
2006	8/0%	5/0%	5 / 20%	9/0%	16 / 12%	10 / 10%	1/0%	16 / 0%	7 / 14%	2/0%	20 / 5%	6 / 17%
2007	32 / 0%	19 / 5%	11/9%	49 / 4%	167 / 5%	78 / 6%	21 / 10%	44 / 2%	24 / 4%	17 / 0%	53 / 9%	33 / 15%
2008	15 / 7%	12 / 0%	4/0%	19 / 0%	30 / 3%	12 / 17%	4 / 25%	22 / 0%	10 / 10%	2/0%	23 / 9%	6/17%
2009	34 / 0%	18 / 6%	11/0%	34 / 3%	131 / 4%	55 / 2%	19 / 5%	45 / 4%	19 / 21%	13 / 8%	44 / 9%	26 / 4%
2010	24 / 4%	9/0%	5/0%	22 / 0%	36 / 3%	20 / 5%	5/0%	16 / 0%	8/0%	4/0%	13 / 8%	11 / 0%
2011	90 / 0%	20 / 0%	17 / 6%	46 / 0%	227 / 2%	88 / 9%	38 / 5%	61 / 2%	29 / 7%	22 / 0%	54 / 6%	50 / 2%
2012	44 / 0%	4/0%	4/0%	15 / 0%	39 / 3%	20 / 5%	11 / 0%	21 / 5%	15 / 7%	4/0%	21 / 14%	6/0%
2013	132 / 2%	25 / 0%	13 / 0%	66 / 0%	322 / 3%	199 / 5%	46 / 7%	102 / 1%	49 / 2%	15 / 0%	74 / 5%	64 / 2%
2014	77 / 1%	6/0%	14 / 0%	24 / 0%	47 / 6%	48 / 0%	9/0%	35 / 3%	11 / 0%	0/0%	24 / 4%	7 / 0%
2015	183 / 1%	28 / 0%	32 / 3%	65 / 6%	361 / 2%	221 / 2%	80 / 1%	134 / 1%	52 / 0%	24 / 0%	84 / 0%	50 / 2%
2016	107 / 1%	8/0%	23 / 0%	14 / 0%	54 / 4%	34 / 6%	14 / 0%	37 / 3%	14 / 0%	2 / 50%	15 / 0%	16 / 0%
2017	304 / 1%	25 / 0%	33 / 0%	68 / 0%	425 / 2%	297 / 1%	56 / 0%	143 / 1%	60 / 0%	21 / 10%	74 / 3%	60 / 2%
2018	154 / 0%	4/0%	32 / 0%	18 / 0%	41 / 2%	50 / 0%	12 / 0%	57 / 0%	14 / 0%	2/0%	15 / 0%	11/0%
2019	364 / 0%	18 / 0%	26 / 0%	32 / 0%	384 / 2%	264 / 0%	62 / 0%	139 / 0%	42 / 2%	16 / 0%	56 / 0%	50 / 4%
2020	349 / 0%	5 / 20%	15 / 0%	12 / 0%	54 / 0%	32 / 0%	6/0%	53 / 0%	6/0%	3/0%	12 / 0%	6/0%
2021	366 / 0%	7 / 0%	12 / 0%	16 / 0%	288 / 0%	157 / 1%	41 / 0%	74 / 1%	28 / 0%	6/0%	36 / 0%	22 / 0%
2022	150 / 0%	1/0%	1/0%	4/0%	18 / 0%	6/0%	9/0%	12 / 0%	12 / 0%	0/0%	13 / 0%	0/0%
2023	45 / 0%	0/0%	0/0%	2/0%	6/0%	4/0%	3/0%	5/0%	7 / 0%	0/0%	1/0%	0/0%
2024	1/0%	0/0%	0/0%	0/0%	1/0%	0/0%	0 / 0%	1/0%	0/0%	0/0%	0/0%	0 / 0%
Total	2545 / 0%	275 / 1%	286 / 1%	617 / 2%	2899 / 3%	1729 / 3%	473 / 3%	1124 / 2%	451 / 3%	199 / 3%	786 / 6%	537 / 4%

		Att	achment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Moc	lel Year an	d Test Stat	ion	
Model Veer	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	115072	092207	096100	092114	096595	092196	096366	092113	096005	296047	096193	092177
1996	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%	1/100%	0/0%	0/0%	3/0%	0/0%	0/0%
1997	1/0%	15 / 7%	0/0%	5/0%	2 / 50%	0/0%	3/0%	9/0%	9/11%	11/0%	5 / 20%	4/0%
1998	0/0%	3 / 33%	1/0%	1/0%	2/0%	1/0%	2/0%	2/0%	3/0%	1/0%	2/0%	2/0%
1999	0/0%	31 / 10%	2/0%	4 / 25%	3/0%	5/0%	7/0%	14 / 0%	5 / 40%	22 / 14%	8/0%	19 / 5%
2000	1/0%	6/17%	1/0%	2/0%	1/0%	7 / 0%	10 / 10%	3/0%	0/0%	3/0%	3 / 33%	1/0%
2001	0/0%	37 / 3%	2/0%	12 / 8%	8 / 12%	11 / 9%	15 / 7%	19 / 0%	17 / 12%	27 / 4%	12 / 17%	19 / 16%
2002	2/0%	9/0%	1/0%	0/0%	5 / 20%	6/17%	4/0%	8 / 12%	6/17%	7 / 0%	5/0%	2/0%
2003	2 / 50%	48 / 19%	2/0%	16 / 6%	9 / 22%	16 / 6%	22 / 0%	32 / 3%	31 / 13%	31/3%	14 / 7%	32 / 3%
2004	1/0%	9/11%	2/0%	2/0%	4 / 25%	5 / 20%	8/0%	9/11%	8 / 12%	4/0%	3/0%	4/0%
2005	2/0%	60 / 15%	7 / 0%	21 / 0%	16 / 6%	28 / 7%	24 / 4%	51 / 2%	30 / 3%	58 / 9%	21 / 5%	34 / 3%
2006	1/0%	10 / 0%	0/0%	3/0%	5/0%	10 / 0%	9/0%	27 / 4%	6 / 17%	13 / 8%	9/0%	14 / 7%
2007	4/0%	78 / 8%	9/0%	25 / 12%	25 / 4%	34 / 0%	37 / 3%	63 / 0%	42 / 2%	87 / 1%	31 / 6%	59 / 3%
2008	1/0%	8 / 25%	2/0%	2/0%	8/0%	14 / 0%	11 / 9%	36 / 0%	11 / 0%	26 / 12%	7 / 29%	9/0%
2009	5/0%	61 / 5%	19 / 0%	19 / 0%	25 / 0%	22 / 0%	32 / 0%	57 / 2%	38 / 0%	95 / 5%	17 / 0%	50 / 10%
2010	8/0%	6/0%	2/0%	6/0%	9/0%	23 / 0%	9/0%	54 / 4%	7/0%	17 / 6%	2/0%	9/0%
2011	15 / 0%	103 / 5%	49 / 0%	28 / 7%	42 / 5%	36 / 0%	43 / 0%	75 / 3%	50 / 2%	129 / 3%	27 / 0%	59 / 3%
2012	16 / 0%	22 / 5%	13 / 0%	3/0%	18 / 6%	31/3%	11/0%	32 / 0%	18 / 6%	40 / 8%	8/0%	10 / 0%
2013	36 / 0%	148 / 5%	58 / 0%	44 / 2%	65 / 3%	80 / 1%	77 / 1%	92 / 2%	71 / 0%	204 / 1%	25 / 0%	80 / 8%
2014	26 / 0%	10 / 0%	10 / 0%	9/11%	14 / 7%	37 / 3%	22 / 0%	18 / 0%	13 / 15%	38 / 3%	9/0%	13 / 0%
2015	53 / 0%	152 / 3%	115 / 0%	48 / 0%	83 / 1%	90 / 1%	80 / 0%	73 / 1%	59 / 2%	258 / 1%	21/0%	89 / 2%
2016	46 / 0%	25 / 8%	30 / 3%	10 / 0%	22 / 0%	49 / 6%	16 / 0%	17 / 0%	18 / 0%	49 / 4%	3/0%	11 / 9%
2017	81 / 0%	124 / 2%	160 / 1%	33 / 3%	83 / 1%	125 / 3%	90 / 3%	84 / 0%	67 / 1%	245 / 2%	22 / 0%	63 / 2%
2018	77 / 0%	11/9%	29 / 0%	3/0%	17 / 0%	41/0%	15 / 0%	11/0%	56 / 0%	44 / 2%	6/0%	7/0%
2019	143 / 2%	109 / 0%	120 / 0%	36 / 0%	96 / 1%	97 / 0%	67 / 1%	51 / 2%	156 / 0%	203 / 0%	23 / 4%	47 / 0%
2020	101 / 1%	9/0%	24 / 0%	6/0%	9/0%	28 / 4%	7 / 0%	10 / 0%	255 / 0%	32 / 0%	3/0%	3/0%
2021	54 / 0%	69 / 0%	197 / 1%	19 / 0%	74 / 0%	67 / 0%	32 / 0%	36 / 0%	330 / 0%	109 / 0%	8/0%	19 / 11%
2022	15 / 0%	6/0%	36 / 0%	1/0%	3/0%	2/0%	3/0%	3/0%	15 / 0%	8/0%	0/0%	2/0%
2023	3/0%	0/0%	33 / 0%	0/0%	1/0%	0/0%	0/0%	1/0%	1/0%	5/0%	0/0%	1/0%
2024	0/0%	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	1/0%	0/0%	1/0%
Total	694 / 1%	1170 / 5%	925 / 0%	358 / 3%	649 / 3%	865 / 2%	657 / 2%	887 / 2%	1322 / 2%	1770 / 2%	294 / 4%	663 / 4%

		Att	achment 1	5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	el Year an	d Test Stat	ion	
Model Year	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
woder fear	096150	050104	092106	096784P	096587	096037	096012	096263	096368	096747	096157	096202
1996	0/0%	0/0%	0/0%	0/0%	2/0%	3/0%	0/0%	3/0%	0/0%	0/0%	0/0%	0/0%
1997	2/0%	4/0%	4 / 50%	0/0%	4 / 25%	4/0%	2/0%	6/0%	0/0%	0/0%	3/0%	2/0%
1998	1/0%	0/0%	3/0%	0/0%	0/0%	3/0%	1/0%	2/0%	0/0%	0/0%	2/0%	0/0%
1999	4 / 0%	4/0%	9/0%	0/0%	7 / 0%	16 / 0%	2/0%	22 / 5%	2/0%	4 / 25%	9/0%	2/0%
2000	0/0%	1/0%	9/0%	0/0%	2/0%	4/0%	1/0%	3/0%	3/0%	2 / 50%	4 / 25%	2/0%
2001	1/0%	12 / 25%	14 / 14%	0/0%	7 / 14%	12 / 0%	3/0%	12 / 0%	0/0%	4 / 25%	18 / 11%	4 / 25%
2002	1/0%	1/0%	6/17%	0/0%	3 / 33%	11/9%	0/0%	5/0%	1/0%	2/0%	3 / 33%	0/0%
2003	7 / 0%	17 / 0%	48 / 12%	0/0%	18 / 6%	27 / 7%	8/0%	39 / 15%	4 / 0%	14 / 0%	29 / 7%	7 / 0%
2004	4/0%	1/0%	5/0%	1/0%	2/0%	6/0%	5/0%	10 / 10%	1/0%	3 / 33%	4 / 25%	1/0%
2005	7 / 0%	25 / 8%	62 / 10%	1/0%	16 / 6%	21 / 5%	19 / 11%	62 / 5%	8/0%	15 / 27%	29 / 3%	14 / 0%
2006	3/0%	5/0%	11/9%	2/0%	9/0%	10 / 0%	6/17%	11/0%	2/0%	9 / 22%	6/0%	0/0%
2007	13 / 0%	52 / 0%	66 / 3%	8/0%	23 / 9%	40 / 2%	18 / 0%	66 / 2%	8 / 25%	24 / 12%	42 / 5%	11/0%
2008	6/0%	15 / 0%	20 / 5%	1/0%	9/0%	17 / 0%	13 / 15%	14 / 0%	5/0%	3 / 33%	8 / 25%	2/0%
2009	12 / 17%	54 / 0%	66 / 5%	6/0%	33 / 3%	23 / 0%	19 / 5%	74 / 0%	16 / 0%	18 / 0%	41 / 2%	24 / 0%
2010	4/0%	11/0%	13 / 0%	12 / 0%	7 / 0%	10 / 0%	13 / 0%	25 / 0%	6/0%	6/17%	11/0%	5/0%
2011	29 / 7%	94 / 0%	84 / 4%	16 / 0%	37 / 11%	40 / 0%	31/6%	115 / 1%	34 / 6%	26 / 4%	68 / 7%	36 / 3%
2012	12 / 0%	25 / 0%	18 / 0%	17 / 0%	8/0%	19 / 0%	15 / 0%	15 / 0%	28 / 4%	4 / 50%	12 / 8%	11/9%
2013	68 / 1%	134 / 0%	125 / 2%	36 / 0%	69 / 3%	51/6%	32 / 3%	142 / 0%	72 / 4%	23 / 0%	91 / 0%	48 / 6%
2014	27 / 7%	40 / 0%	18 / 0%	38 / 0%	9/11%	17 / 6%	6/0%	29 / 3%	38 / 3%	9/0%	8 / 12%	4/0%
2015	76 / 3%	192 / 0%	156 / 1%	42 / 0%	89 / 2%	55 / 2%	36 / 0%	156 / 1%	94 / 1%	40 / 2%	113 / 4%	62 / 2%
2016	40 / 2%	53 / 0%	19 / 5%	68 / 0%	11/0%	12 / 0%	8/0%	19 / 0%	76 / 1%	8/0%	16 / 0%	4/0%
2017	141 / 1%	258 / 0%	179 / 0%	56 / 0%	85 / 4%	43 / 0%	36 / 0%	179 / 1%	144 / 1%	44 / 0%	117 / 3%	72 / 0%
2018	42 / 0%	64 / 0%	16 / 6%	54 / 2%	15 / 0%	4/0%	3/0%	17 / 0%	64 / 2%	5/0%	11/0%	10 / 0%
2019	136 / 1%	262 / 0%	154 / 0%	32 / 0%	52 / 0%	32 / 0%	17 / 0%	139 / 0%	159 / 2%	33 / 3%	94 / 1%	56 / 0%
2020	141 / 1%	75 / 1%	15 / 0%	33 / 0%	12 / 0%	9/0%	4/0%	23 / 0%	128 / 2%	8/0%	17 / 0%	8/0%
2021	163 / 0%	257 / 0%	62 / 0%	13 / 0%	51/0%	15 / 0%	9/0%	110 / 0%	205 / 0%	16 / 0%	64 / 2%	44 / 0%
2022	32 / 0%	68 / 0%	7/0%	2/0%	4/0%	3/0%	2/0%	8/0%	122 / 0%	0/0%	5/0%	5/0%
2023	5/0%	47 / 0%	3/0%	0/0%	4/0%	2/0%	0/0%	3/0%	149 / 0%	0/0%	2/0%	2/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	1/0%	0/0%	0/0%	0/0%
Total	977 / 1%	1771 / 0%	1192 / 3%	438 / 0%	588 / 3%	509 / 2%	309 / 3%	1309 / 1%	1370 / 1%	320 / 6%	827 / 4%	436 / 2%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year an	d Test Stat	ion	
Model Year	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
	050086	096418	096287P	096205	096128	096075	096511	092264	115004	096643	092091	096343
1996	2/0%	0/0%	1/0%	0/0%	0/0%	2/0%	0/0%	0/0%	3/0%	1/0%	0/0%	4 / 75%
1997	5/0%	5 / 20%	0/0%	2/0%	1/100%	1/0%	3/0%	9/11%	4/0%	9 / 22%	0/0%	14 / 14%
1998	6/0%	3/0%	0/0%	1/0%	2/0%	1/0%	1/0%	4 / 25%	6/0%	4/0%	1/0%	8/0%
1999	10 / 0%	3/0%	0/0%	4/0%	2/0%	1/0%	7 / 0%	11 / 0%	12 / 0%	13 / 8%	2/0%	31 / 10%
2000	7 / 0%	2/0%	0/0%	0/0%	1/0%	1/0%	6/0%	1/0%	2/0%	9/0%	2/0%	11/9%
2001	14 / 0%	1/0%	0/0%	0/0%	8 / 12%	1/0%	8/0%	24 / 4%	18 / 6%	26 / 23%	3/0%	67 / 9%
2002	5/0%	4 / 0%	0/0%	0/0%	0/0%	2/0%	1/100%	6/17%	9/0%	7 / 0%	3/0%	11/0%
2003	18 / 6%	7 / 14%	2/0%	2/0%	5/0%	4/0%	22 / 0%	30 / 7%	42 / 0%	32 / 6%	2/0%	97 / 4%
2004	6 / 17%	7 / 0%	1/0%	1/0%	2/0%	3/0%	8/0%	4/0%	11 / 0%	12 / 0%	0/0%	33 / 9%
2005	24 / 12%	13 / 0%	0/0%	4 / 25%	7 / 0%	1/0%	31 / 0%	58 / 12%	80 / 0%	53 / 4%	7 / 0%	132 / 12%
2006	13 / 0%	10 / 0%	1/0%	3/0%	3/0%	8/0%	7 / 0%	14 / 14%	24 / 0%	14 / 0%	1/0%	29 / 3%
2007	26 / 8%	17 / 0%	0/0%	7 / 0%	10 / 0%	23 / 0%	48 / 2%	91 / 5%	109 / 2%	61 / 13%	9/0%	165 / 8%
2008	5/0%	12 / 0%	0/0%	3/0%	3/0%	2/0%	14 / 7%	19 / 5%	30 / 0%	7 / 14%	2/0%	35 / 6%
2009	17 / 6%	8 / 12%	3/0%	4 / 50%	22 / 0%	12 / 0%	33 / 3%	68 / 4%	127 / 2%	49 / 2%	5 / 20%	141 / 4%
2010	13 / 8%	6/33%	5/0%	0/0%	1/0%	8/0%	6/0%	16 / 6%	51 / 2%	11 / 0%	2/0%	26 / 4%
2011	20 / 5%	17 / 0%	7 / 0%	13 / 0%	38 / 0%	30 / 3%	53 / 0%	112 / 7%	159 / 1%	65 / 6%	10 / 0%	174 / 2%
2012	6 / 17%	9/0%	15 / 0%	3/0%	6/0%	14 / 0%	24 / 4%	22 / 5%	41 / 0%	17 / 0%	2/0%	48 / 2%
2013	33 / 3%	34 / 0%	19 / 0%	21 / 0%	54 / 0%	47 / 2%	59 / 2%	183 / 3%	245 / 0%	98 / 2%	7 / 0%	234 / 2%
2014	10 / 10%	7 / 0%	36 / 0%	0/0%	24 / 0%	39 / 3%	23 / 4%	23 / 4%	79 / 0%	21 / 0%	1/0%	45 / 2%
2015	33 / 6%	39 / 10%	42 / 0%	22 / 5%	94 / 1%	67 / 1%	103 / 1%	228 / 1%	270 / 0%	132 / 4%	10 / 0%	246 / 2%
2016	3/0%	5/0%	58 / 0%	2/0%	21/0%	80 / 0%	25 / 4%	32 / 0%	82 / 0%	17 / 6%	0/0%	42 / 0%
2017	30 / 0%	34 / 0%	66 / 0%	31/0%	124 / 0%	128 / 1%	77 / 0%	254 / 2%	319 / 0%	107 / 1%	24 / 0%	253 / 2%
2018	3/0%	5/0%	58 / 2%	1/0%	27 / 0%	142 / 1%	15 / 0%	29 / 7%	93 / 0%	14 / 0%	3/0%	51 / 2%
2019	40 / 0%	34 / 0%	211 / 0%	7 / 0%	138 / 0%	200 / 0%	34 / 0%	208 / 0%	401 / 0%	75 / 0%	26 / 0%	163 / 1%
2020	6/0%	8/0%	554 / 0%	2 / 50%	91/0%	160 / 0%	7/0%	22 / 0%	191 / 0%	13 / 0%	2/0%	31/0%
2021	25 / 0%	21 / 5%	578 / 0%	16 / 0%	96 / 0%	136 / 0%	9/0%	145 / 0%	455 / 0%	43 / 0%	18 / 0%	86 / 0%
2022	0/0%	0/0%	468 / 0%	0/0%	25 / 0%	37 / 0%	1/0%	12 / 0%	162 / 0%	2/0%	1/0%	8/0%
2023	0/0%	0/0%	50 / 0%	0/0%	24 / 0%	7/0%	0/0%	2/0%	36 / 0%	2/0%	0/0%	3/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	2/0%	1/0%	0/0%	0/0%	0/0%
Total	380 / 4%	311 / 3%	_	149 / 3%	829 / 0%	1157 / 1%	•	1629 / 3%	_		143 / 1%	2188 / 4%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ite by Mod	del Year an	d Test Stat	ion	
Madal Vass	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	096186	096478	096221	096358	296042	096054	096423	115272	050136	096020	096313	096351
1996	2 / 50%	0/0%	0/0%	1/100%	1/0%	1/0%	0/0%	0/0%	3/0%	2/0%	0/0%	0/0%
1997	6 / 17%	4 / 0%	2/0%	3/0%	5/0%	7/0%	3/0%	0/0%	17 / 0%	1/0%	0/0%	4 / 25%
1998	2/0%	2 / 50%	0/0%	1/0%	2/0%	1/0%	0/0%	0/0%	5/0%	1/0%	1/0%	2/0%
1999	4/0%	5 / 20%	16 / 19%	3/0%	18 / 0%	7 / 0%	5/0%	0/0%	23 / 4%	1/0%	2/0%	4 / 0%
2000	1/100%	1/0%	3/0%	2/0%	6/0%	4/0%	2 / 50%	0/0%	10 / 0%	3/0%	0/0%	3 / 33%
2001	8/0%	18 / 0%	23 / 9%	8 / 25%	22 / 5%	11/0%	5/0%	1/0%	28 / 7%	1/0%	5/0%	10 / 10%
2002	8/0%	2/0%	5/0%	3 / 67%	10 / 0%	3/0%	1/0%	0/0%	11 / 0%	4/0%	2/0%	6/33%
2003	18 / 17%	11 / 18%	37 / 11%	16 / 12%	31/3%	29 / 3%	12 / 0%	1/0%	42 / 7%	6/0%	14 / 0%	15 / 0%
2004	5 / 0%	2/0%	3/0%	2/0%	10 / 0%	3/0%	2/0%	1/0%	12 / 8%	6/0%	1/0%	13 / 0%
2005	16 / 6%	24 / 8%	44 / 9%	19 / 11%	47 / 0%	38 / 0%	24 / 8%	2/0%	54 / 2%	8/0%	10 / 10%	41 / 7%
2006	4/0%	3/0%	7 / 0%	4 / 25%	7 / 14%	10 / 0%	12 / 0%	0/0%	18 / 0%	5/0%	3/0%	9/0%
2007	32 / 6%	45 / 4%	55 / 5%	40 / 0%	52 / 0%	78 / 1%	28 / 14%	1/0%	62 / 0%	17 / 6%	11/0%	40 / 2%
2008	7 / 0%	5/0%	10 / 0%	9 / 22%	9/0%	10 / 10%	4/0%	1/0%	14 / 0%	8 / 25%	11/0%	9/0%
2009	33 / 3%	28 / 4%	63 / 8%	30 / 0%	25 / 0%	71 / 0%	45 / 2%	0/0%	68 / 1%	10 / 0%	28 / 0%	48 / 4%
2010	4/0%	5/0%	7 / 0%	9/0%	11/0%	17 / 0%	14 / 7%	0/0%	13 / 8%	8/0%	9/0%	10 / 10%
2011	24 / 4%	52 / 2%	84 / 6%	38 / 3%	32 / 3%	108 / 1%	49 / 4%	3/0%	54 / 6%	27 / 4%	49 / 0%	88 / 1%
2012	7 / 29%	11 / 0%	11/9%	11 / 9%	18 / 0%	26 / 4%	7 / 0%	0/0%	19 / 11%	10 / 0%	30 / 0%	14 / 7%
2013	60 / 0%	60 / 2%	125 / 0%	57 / 7%	65 / 2%	134 / 0%	67 / 4%	0/0%	97 / 0%	23 / 4%	148 / 1%	115 / 1%
2014	7 / 0%	9/11%	24 / 0%	10 / 0%	5/0%	48 / 0%	13 / 8%	0/0%	24 / 4%	14 / 0%	52 / 4%	27 / 4%
2015	52 / 0%	75 / 3%	156 / 1%	65 / 2%	34 / 0%	218 / 0%	68 / 1%	5/0%	127 / 0%	22 / 5%	115 / 0%	116 / 3%
2016	15 / 0%	10 / 0%	19 / 5%	22 / 5%	12 / 0%	51 / 0%	21 / 5%	1/0%	22 / 0%	8/0%	67 / 1%	21/0%
2017	46 / 2%	84 / 1%	146 / 3%	70 / 3%	44 / 0%	314 / 0%	63 / 3%	6/0%	124 / 0%	24 / 0%	149 / 0%	149 / 4%
2018	15 / 7%	14 / 0%	15 / 0%	17 / 0%	8/0%	117 / 0%	18 / 0%	0/0%	15 / 0%	15 / 0%	72 / 0%	21 / 5%
2019	48 / 2%	64 / 2%	111 / 1%	52 / 2%	32 / 0%	360 / 0%	63 / 2%	5/0%	94 / 0%	16 / 0%	258 / 0%	137 / 0%
2020	7 / 0%	32 / 0%	10 / 0%	8/0%	7 / 0%	158 / 0%	22 / 0%	2/0%	9/0%	7 / 0%	101 / 1%	20 / 0%
2021	20 / 0%	102 / 0%	72 / 0%	32 / 0%	17 / 0%	439 / 0%	45 / 0%	3/0%	63 / 0%	8/0%	192 / 0%	109 / 0%
2022	1/0%	10 / 0%	1/0%	7 / 0%	2/0%	304 / 0%	5/0%	0/0%	5/0%	2/0%	72 / 1%	60 / 2%
2023	0/0%	2/0%	2/0%	2/0%	1/0%	103 / 0%	2/0%	0/0%	2/0%	0/0%	29 / 0%	14 / 7%
2024	0/0%	0/0%	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	4/0%	0/0%
Total	452 / 4%	680 / 2%	1051 / 3%	542 / 4%	533 / 1%	2670 / 0%	600 / 3%	32 / 0%	1035 / 2%	257 / 2%	1435 / 1%	1105 / 3%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year an	d Test Stati	ion	
Model Year	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Wodel Teal	096724	096813	096514	092034	036127	092027	096147	050046	096394	092086	096314	096449
1996	2 / 50%	0/0%	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	1/0%
1997	10 / 10%	0/0%	3/0%	0/0%	0/0%	2/0%	0/0%	3 / 33%	3/0%	2/0%	1/0%	0/0%
1998	2/0%	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%	3/0%	2/0%	0/0%	1/0%	0/0%
1999	15 / 7%	6/0%	2/0%	2/0%	2/0%	1/0%	0/0%	2/0%	1/0%	0/0%	9/0%	5 / 20%
2000	5/0%	2/0%	1/0%	1/0%	0/0%	1/0%	0/0%	4 / 0%	3/0%	0/0%	2/0%	0/0%
2001	20 / 5%	5/0%	9/0%	0/0%	2/0%	5/0%	1/0%	21 / 14%	7 / 0%	4/0%	7 / 0%	4/0%
2002	5 / 20%	1/0%	3/0%	2/0%	1/0%	8/0%	1/0%	7 / 14%	2/0%	3/0%	3 / 67%	1/100%
2003	48 / 4%	7 / 0%	11/0%	2/0%	0/0%	14 / 0%	0/0%	28 / 21%	10 / 0%	3/0%	7 / 0%	11 / 9%
2004	10 / 0%	3/0%	0/0%	0/0%	0/0%	5/0%	1/0%	9/11%	3/0%	2/0%	3 / 33%	1/0%
2005	50 / 12%	10 / 0%	11/0%	4/0%	3/0%	21 / 0%	6/0%	39 / 8%	12 / 8%	14 / 7%	10 / 10%	16 / 0%
2006	6/0%	9/0%	9/0%	3/0%	1/0%	12 / 8%	2/0%	14 / 7%	1/0%	3/0%	5/0%	5/0%
2007	50 / 2%	26 / 4%	14 / 0%	4/0%	3/0%	27 / 4%	9/0%	41/0%	14/0%	15 / 7%	22 / 5%	13 / 23%
2008	8/12%	8/0%	9/0%	7 / 0%	5/0%	17 / 0%	5/0%	8/12%	4 / 0%	1/0%	4/0%	4/0%
2009	49 / 2%	11 / 0%	15 / 0%	4/0%	2/0%	49 / 0%	7 / 0%	43 / 12%	6/0%	11/0%	23 / 0%	14 / 0%
2010	9 / 22%	4/0%	7 / 14%	3/0%	5/0%	31/0%	11 / 9%	10 / 10%	3/0%	12 / 0%	2/0%	6 / 17%
2011	56 / 5%	40 / 0%	57 / 0%	8/0%	8/0%	101 / 2%	11/0%	38 / 5%	12 / 0%	40 / 2%	34 / 3%	22 / 9%
2012	14 / 0%	16 / 0%	24 / 0%	18 / 0%	8/0%	46 / 0%	11/0%	11/9%	6/0%	12 / 0%	10 / 0%	4/0%
2013	95 / 3%	70 / 0%	73 / 3%	16 / 0%	20 / 0%	205 / 0%	23 / 0%	76 / 1%	15 / 0%	64 / 0%	30 / 0%	25 / 8%
2014	11/0%	19 / 0%	25 / 0%	19 / 0%	32 / 0%	80 / 0%	34 / 0%	14 / 7%	6/0%	25 / 0%	5/0%	6/0%
2015	99 / 1%	95 / 0%	81 / 1%	18 / 0%	37 / 0%	205 / 1%	28 / 0%	98 / 2%	21/0%	150 / 0%	45 / 2%	46 / 4%
2016	12 / 0%	55 / 0%	49 / 0%	27 / 0%	62 / 0%	110 / 0%	41/0%	11 / 9%	1/0%	36 / 3%	13 / 0%	8/0%
2017	131 / 2%	122 / 1%	107 / 0%	23 / 0%	74 / 0%	243 / 0%	39 / 0%	114 / 5%	21 / 0%	238 / 0%	43 / 2%	43 / 5%
2018	9/0%	52 / 0%	51/0%	21/0%	72 / 0%	100 / 1%	27 / 0%	12 / 0%	8/0%	42 / 0%	10 / 0%	8/0%
2019	94 / 0%	151 / 0%	160 / 0%	19 / 0%	74 / 0%	275 / 0%	17 / 6%	73 / 0%	6/0%	314 / 0%	36 / 0%	27 / 0%
2020	9/0%	279 / 0%	121 / 1%	2/0%	71 / 0%	192 / 0%	7 / 0%	9/0%	5/0%	53 / 0%	7 / 0%	8/0%
2021	56 / 0%	295 / 0%	205 / 0%	5/0%	107 / 0%	275 / 0%	5/0%	60 / 2%	7 / 0%	295 / 0%	27 / 0%	11/0%
2022	3/0%	91 / 1%	52 / 0%	0/0%	95 / 0%	144 / 0%	3/0%	3/0%	1/0%	44 / 0%	3/0%	2/0%
2023	0/0%	41 / 2%	49 / 0%	0/0%	51/0%	146 / 0%	1/0%	4/0%	0/0%	25 / 0%	3/0%	0/0%
2024	0/0%	1/0%	3/0%	0/0%	0/0%	1/0%	0/0%	0/0%	0/0%	3/0%	0/0%	0/0%
Total	878 / 3%	1420 / 0%	1151 / 0%	209 / 0%	735 / 0%	2316 / 0%	290 / 1%	755 / 5%	180 / 1%	1411 / 0%	365 / 2%	291 / 5%

		Att	achment 1	5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year and	d Test Stat	ion	
NA 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	115022	096056	096178	050207	296158	092069	092036	050047	050000	092165	096177	096455
1996	3/0%	1/100%	2/0%	0/0%	0/0%	0/0%	0/0%	0/0%	1/100%	2/0%	0/0%	0/0%
1997	7 / 14%	2/0%	5 / 0%	9 / 11%	10 / 0%	12 / 0%	1/0%	0/0%	7 / 29%	0/0%	1/0%	9/0%
1998	9 / 11%	1/0%	5 / 0%	1/0%	1/0%	2/0%	0/0%	1/0%	0/0%	0/0%	3 / 33%	2/0%
1999	9/0%	15 / 0%	6/0%	15 / 0%	12 / 0%	10 / 0%	0/0%	2/0%	6/0%	2/0%	2/0%	14 / 7%
2000	12 / 17%	1/0%	5/0%	3 / 67%	5 / 20%	3/0%	0/0%	0/0%	5 / 20%	0/0%	1/0%	2/0%
2001	32 / 9%	11 / 27%	23 / 17%	19 / 5%	14 / 7%	27 / 4%	0/0%	0/0%	13 / 0%	0/0%	3 / 33%	15 / 13%
2002	18 / 11%	5 / 20%	8 / 12%	7 / 14%	4 / 0%	7/0%	0/0%	0/0%	4/0%	1/0%	2 / 50%	4/0%
2003	37 / 3%	21 / 5%	22 / 5%	37 / 5%	25 / 8%	47 / 0%	1/0%	2/0%	20 / 10%	2/0%	7 / 0%	23 / 0%
2004	22 / 5%	5/0%	15 / 13%	6 / 33%	4/0%	4/0%	0/0%	1/0%	6/0%	0/0%	3/0%	8/0%
2005	44 / 7%	38 / 5%	29 / 10%	47 / 9%	41 / 2%	82 / 1%	2/0%	7 / 0%	32 / 3%	5/0%	7/0%	33 / 6%
2006	25 / 12%	5/0%	11 / 0%	10 / 10%	10 / 10%	13 / 0%	1/0%	1/0%	9/0%	2/0%	2/0%	3/0%
2007	50 / 6%	42 / 5%	66 / 8%	53 / 2%	40 / 0%	163 / 1%	3/0%	7/0%	48 / 2%	7 / 14%	15 / 0%	41 / 2%
2008	36 / 0%	12 / 0%	16/6%	9/11%	10 / 0%	27 / 4%	3/0%	6/0%	11/0%	1/0%	4 / 25%	14 / 14%
2009	40 / 10%	43 / 0%	55 / 4%	36 / 3%	32 / 0%	148 / 2%	8/0%	6/0%	34 / 0%	5/0%	9/0%	34 / 3%
2010	35 / 6%	14 / 7%	11 / 0%	13 / 8%	9/0%	48 / 0%	1/0%	5/0%	16 / 0%	0/0%	5 / 20%	8/0%
2011	55 / 7%	81 / 5%	90 / 7%	69 / 7%	45 / 0%	235 / 0%	13 / 0%	23 / 0%	50 / 6%	3/0%	17 / 6%	48 / 4%
2012	34 / 0%	20 / 0%	24 / 4%	13 / 0%	10 / 0%	64 / 0%	6/0%	26 / 8%	13 / 8%	2/0%	3 / 33%	6/0%
2013	94 / 2%	111 / 5%	121 / 4%	87 / 7%	40 / 5%	353 / 0%	30 / 0%	66 / 0%	72 / 3%	8/0%	13 / 15%	53 / 4%
2014	35 / 6%	13 / 8%	33 / 9%	25 / 8%	11/0%	72 / 0%	5/0%	80 / 4%	20 / 0%	0/0%	3/0%	13 / 8%
2015	89 / 2%	124 / 1%	158 / 3%	117 / 4%	36 / 6%	451 / 0%	29 / 0%	184 / 1%	114 / 2%	9/0%	14 / 0%	79 / 0%
2016	37 / 0%	19 / 0%	42 / 12%	12 / 0%	12 / 0%	105 / 0%	20 / 0%	247 / 1%	17 / 0%	2/0%	6/0%	12 / 0%
2017	79 / 1%	153 / 1%	193 / 2%	128 / 4%	43 / 2%	544 / 0%	56 / 2%	366 / 1%	116 / 0%	14 / 7%	28 / 4%	85 / 1%
2018	34 / 0%	23 / 4%	26 / 0%	18 / 0%	7 / 0%	112 / 0%	25 / 0%	356 / 1%	14 / 7%	0/0%	27 / 0%	19 / 11%
2019	69 / 0%	134 / 0%	133 / 1%	97 / 0%	23 / 0%	601 / 0%	57 / 4%	495 / 1%	85 / 0%	7 / 0%	73 / 0%	87 / 1%
2020	19 / 0%	21 / 0%	31/0%	15 / 0%	6/0%	194 / 0%	40 / 2%	480 / 0%	12 / 0%	2/0%	140 / 1%	22 / 0%
2021	41 / 2%	77 / 0%	79 / 0%	60 / 2%	15 / 0%	571 / 0%	50 / 2%	430 / 0%	74 / 0%	3/0%	149 / 1%	60 / 0%
2022	10 / 0%	9 / 0%	7 / 0%	6/0%	2/0%	100 / 0%	23 / 0%	306 / 1%	4 / 0%	1/0%	9/0%	4 / 0%
2023	4/0%	6/0%	1/0%	1/0%	0/0%	55 / 0%	46 / 0%	67 / 0%	1/0%	0/0%	1/0%	0/0%
2024	1/0%	0/0%	0/0%	0/0%	0/0%	4 / 0%	7 / 0%	1/0%	0/0%	0/0%	0/0%	0/0%
Total	980 / 4%	1007 / 2%	1217 / 4%	913 / 5%	467 / 2%	4054 / 0%	427 / 1%	3165 / 1%	804 / 2%	78 / 3%	547 / 2%	698 / 3%

		Att	achment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year an	d Test Stat	ion	
Bandal Vacu	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	096579	296409	092049	096361	036147	096282	092028	296034	092222	096195	115017	096136
1996	0/0%	0/0%	0/0%	0/0%	1/0%	3/0%	0/0%	0/0%	0/0%	0/0%	1/0%	0/0%
1997	2/0%	2/0%	1/0%	1/0%	1/0%	3/0%	2/0%	3/0%	6/17%	4/0%	1/0%	3/0%
1998	0/0%	0/0%	1/0%	2/0%	0/0%	1/0%	0/0%	0/0%	3/0%	2/0%	1/0%	0/0%
1999	2/0%	3/0%	6/0%	1/0%	2/0%	8/0%	3/0%	5/0%	14 / 7%	5/0%	3 / 33%	6/17%
2000	0/0%	2/0%	0/0%	0/0%	2/0%	1/0%	0/0%	2/0%	3 / 33%	4 / 0%	3/0%	2/0%
2001	6/0%	5/0%	10 / 10%	6/0%	9/0%	6/17%	2/0%	7/0%	16 / 6%	12 / 0%	3/0%	7 / 0%
2002	1/100%	1/0%	3/0%	1/0%	2/0%	2 / 50%	0/0%	3/0%	4/0%	7 / 0%	2/0%	4 / 0%
2003	11 / 18%	11/0%	20 / 5%	1/0%	7 / 0%	19 / 5%	8/0%	9/0%	28 / 0%	11/0%	5/0%	11/0%
2004	2/0%	3/0%	7 / 0%	1/0%	1/0%	2/0%	0/0%	6/0%	7 / 0%	5/0%	6 / 33%	10 / 10%
2005	10 / 10%	22 / 5%	37 / 5%	10 / 20%	13 / 8%	17 / 6%	11/0%	9/0%	39 / 8%	32 / 0%	14 / 7%	18 / 11%
2006	1/0%	2/0%	9/0%	3/0%	2/0%	5/0%	2/0%	5/0%	9/11%	5/0%	23 / 4%	9/11%
2007	20 / 10%	34/3%	39 / 0%	12 / 0%	19 / 0%	19 / 11%	16 / 0%	17 / 0%	70 / 1%	30 / 0%	29 / 3%	25 / 0%
2008	4/0%	13 / 0%	11/0%	3/0%	3/0%	7 / 0%	5/0%	7/0%	16/0%	9/0%	16 / 6%	7/0%
2009	15 / 7%	30 / 7%	44 / 2%	31/3%	10 / 0%	15 / 0%	16 / 0%	18/0%	52 / 4%	33 / 6%	19 / 0%	26 / 0%
2010	2/0%	9/11%	13 / 0%	8/0%	2/0%	4/0%	5/0%	18 / 0%	17 / 0%	11/0%	8/0%	9/0%
2011	9/0%	68 / 3%	79 / 0%	59 / 2%	19 / 5%	15 / 7%	30 / 3%	43 / 2%	92 / 5%	41/0%	14 / 7%	38 / 0%
2012	0/0%	29 / 0%	28 / 0%	17 / 0%	5/0%	3/0%	20 / 0%	21/0%	15 / 13%	14 / 0%	22 / 5%	19 / 0%
2013	8/0%	116 / 3%	127 / 1%	124 / 2%	31/0%	23 / 4%	36 / 6%	82 / 0%	119 / 3%	77 / 1%	19 / 5%	69 / 3%
2014	0/0%	65 / 3%	51 / 2%	23 / 0%	7 / 0%	3/0%	38 / 0%	25 / 0%	22 / 0%	21 / 0%	19 / 0%	24 / 4%
2015	6/0%	214 / 1%	241 / 0%	97 / 0%	20 / 0%	38 / 0%	100 / 1%	115 / 0%	148 / 3%	123 / 2%	31/0%	94 / 2%
2016	2/0%	113 / 1%	93 / 1%	47 / 2%	5/0%	6 / 17%	51 / 4%	50 / 2%	21 / 5%	43 / 7%	33 / 3%	22 / 0%
2017	8/0%	287 / 0%	328 / 1%	175 / 0%	19 / 5%	34 / 0%	117 / 2%	190 / 0%	122 / 2%	151 / 1%	17 / 0%	111 / 1%
2018	0/0%	139 / 1%	120 / 0%	82 / 2%	2/0%	7/0%	125 / 1%	66 / 2%	17 / 6%	86 / 1%	5/0%	23 / 0%
2019	4/0%	278 / 0%	374 / 0%	196 / 1%	20 / 0%	26 / 0%	277 / 0%	139 / 0%	114 / 0%	214 / 0%	12 / 0%	81 / 2%
2020	0/0%	131 / 0%	171 / 0%	187 / 1%	5/0%	3/0%	204 / 0%	42 / 0%	12 / 0%	183 / 1%	5/0%	19 / 5%
2021	3/0%	316 / 0%	336 / 0%	231/0%	15 / 0%	15 / 0%	292 / 0%	114 / 1%	68 / 0%	336 / 0%	2/0%	73 / 0%
2022	0/0%	105 / 0%	62 / 0%	66 / 2%	4/0%	1/0%	119 / 0%	23 / 0%	12 / 0%	68 / 0%	6/0%	9/0%
2023	0/0%	37 / 0%	56 / 2%	66 / 0%	0/0%	2/0%	16 / 0%	5/0%	2/0%	11/0%	1/0%	2/0%
2024	0/0%	3/0%	11/0%	2/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	116 / 6%	2038 / 1%	2278 / 1%	1452 / 1%	226 / 1%	288 / 3%	1495 / 1%	1024 / 0%	1048 / 3%	1538 / 1%	320 / 3%	721 / 2%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year an	d Test Stat	ion	
Model Year	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
iviodei fear	096067	096676	096173	096909	115343	092139	096689	115063	050225	096152	092269	050102
1996	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%	2/0%	2/0%	0/0%	0/0%	2/0%
1997	1/0%	5 / 20%	0/0%	0/0%	2/0%	0/0%	0/0%	5/0%	3/0%	0/0%	4/0%	17 / 6%
1998	0/0%	1/0%	0/0%	1/0%	1/0%	0/0%	0/0%	4/0%	0/0%	0/0%	1/0%	8/12%
1999	0/0%	8 / 12%	0/0%	0/0%	8/0%	3 / 33%	8/0%	10 / 0%	20 / 5%	0/0%	7 / 0%	15 / 13%
2000	1/0%	1/0%	0/0%	1/0%	0/0%	0/0%	2/0%	2/0%	2/0%	0/0%	3/0%	9/0%
2001	5/0%	15 / 7%	1/0%	6/0%	6/17%	4 / 0%	8/0%	19 / 11%	14 / 14%	1/0%	7 / 0%	26 / 15%
2002	0/0%	3 / 67%	0/0%	4 / 0%	3/0%	2/0%	4/0%	8/0%	3/0%	0/0%	1/0%	12 / 8%
2003	2/0%	20 / 30%	0/0%	8/0%	17 / 6%	4 / 0%	10 / 0%	27 / 4%	21 / 14%	2/0%	8/12%	35 / 3%
2004	1/0%	3/0%	0/0%	2 / 50%	9 / 33%	1/0%	7 / 14%	7/0%	6/0%	0/0%	3/0%	14 / 0%
2005	15 / 7%	13 / 8%	3/0%	11/0%	28 / 21%	9 / 44%	16 / 0%	33 / 0%	23 / 9%	1/100%	15 / 0%	50 / 2%
2006	2/0%	5/0%	1/0%	3/0%	4 / 50%	0/0%	9/0%	8/0%	8/0%	1/0%	2 / 50%	14 / 0%
2007	15 / 0%	23 / 13%	10 / 0%	24 / 4%	21 / 14%	18 / 6%	26 / 0%	39 / 5%	36 / 3%	2/0%	25 / 4%	53 / 0%
2008	4/0%	5 / 20%	2/0%	16 / 6%	8/0%	2/0%	12 / 0%	6/0%	9/0%	2/0%	6/0%	12 / 8%
2009	26 / 4%	16/6%	3/0%	26 / 8%	29 / 3%	12 / 0%	45 / 0%	34 / 0%	43 / 2%	0/0%	17 / 6%	38 / 3%
2010	4/0%	3 / 33%	1/0%	10 / 0%	12 / 0%	5/0%	8/12%	8/0%	3/0%	1/0%	6/0%	9/0%
2011	67 / 0%	31 / 3%	12 / 0%	29 / 0%	31 / 10%	14 / 0%	69 / 0%	36 / 0%	44 / 2%	7/0%	42 / 0%	63 / 8%
2012	14 / 0%	10 / 10%	2/0%	14/0%	15 / 0%	13 / 0%	37 / 3%	9/0%	10 / 0%	6/0%	8/0%	19 / 0%
2013	125 / 0%	31/6%	24 / 0%	38 / 3%	43 / 2%	24 / 4%	146 / 1%	68 / 0%	67 / 1%	9/0%	53 / 6%	77 / 6%
2014	14 / 0%	8/0%	15 / 0%	15 / 0%	17 / 0%	14 / 0%	42 / 0%	15 / 20%	14 / 21%	12 / 0%	12 / 0%	16 / 0%
2015	150 / 0%	34 / 9%	40 / 0%	45 / 2%	36 / 6%	49 / 0%	201 / 1%	76 / 1%	81 / 1%	21 / 0%	54 / 4%	80 / 1%
2016	41 / 0%	7 / 14%	15 / 0%	7/0%	15 / 7%	29 / 0%	50 / 0%	11/9%	4/0%	11/0%	10 / 0%	9/0%
2017	198 / 1%	42 / 2%	69 / 1%	59 / 2%	32 / 3%	81 / 1%	215 / 0%	76 / 0%	78 / 0%	41/0%	84 / 1%	86 / 0%
2018	39 / 0%	3/0%	36 / 0%	8/0%	15 / 0%	38 / 5%	81 / 0%	17 / 0%	4/0%	15 / 0%	12 / 0%	14 / 0%
2019	206 / 0%	30 / 0%	74 / 0%	36 / 0%	24 / 0%	142 / 1%	297 / 0%	60 / 0%	73 / 1%	41 / 0%	64 / 0%	57 / 0%
2020	77 / 0%	10 / 0%	40 / 0%	5/0%	8/0%	97 / 2%	162 / 0%	10 / 0%	13 / 0%	21 / 0%	5/0%	9/0%
2021	296 / 0%	9/0%	76 / 0%	20 / 0%	23 / 0%	206 / 0%	257 / 0%	29 / 0%	50 / 0%	71 / 0%	45 / 2%	45 / 2%
2022	47 / 0%	3/0%	87 / 1%	1/0%	2/0%	94 / 0%	99 / 0%	3/0%	1/0%	43 / 0%	1/0%	2/0%
2023	30 / 0%	0/0%	81 / 0%	1/0%	2/0%	15 / 0%	82 / 0%	1/0%	1/0%	1/0%	2/0%	0/0%
2024	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	1381 / 0%	340 / 8%	592 / 0%	390 / 2%	411 / 6%	876 / 1%	1894 / 0%	623 / 2%	633 / 3%	309 / 0%	497 / 2%	791 / 3%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	el Year an	d Test Stat	ion	
Model Year	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
woder Year	096078	096318	096088	050147	096244	092105	092146	296037	096603	050113	096507	296437
1996	0/0%	0/0%	1/0%	2/0%	1/0%	0/0%	0/0%	0/0%	1/0%	1/0%	2/0%	0 / 0%
1997	1/0%	9/11%	5/0%	13 / 0%	6/0%	8 / 12%	4/0%	3/0%	8/0%	3/0%	4/0%	7 / 0%
1998	2/0%	2/0%	4/0%	6/33%	3/0%	2/0%	0/0%	3/0%	0/0%	3/0%	4/0%	2/0%
1999	2/0%	12 / 0%	14 / 21%	14 / 7%	18 / 11%	11 / 0%	3/0%	7 / 0%	14 / 0%	10 / 0%	15 / 0%	5/0%
2000	1/0%	3/0%	12 / 8%	13 / 8%	4/0%	3/0%	0/0%	2/0%	3/0%	1/0%	1/0%	2/0%
2001	6/0%	12 / 8%	21/0%	33 / 18%	14 / 0%	14 / 0%	8/0%	8/0%	20 / 0%	7 / 0%	22 / 0%	13 / 0%
2002	2 / 50%	1/0%	9/0%	3/0%	2/0%	3 / 67%	10 / 0%	1/0%	1/0%	0/0%	2/0%	3/0%
2003	3/0%	20 / 0%	29 / 0%	46 / 9%	25 / 4%	25 / 4%	24 / 4%	11/0%	28 / 0%	11/0%	23 / 9%	24 / 4%
2004	5 / 40%	1/0%	16 / 6%	13 / 0%	3/0%	7 / 14%	5/0%	3/0%	8/0%	4/0%	10 / 20%	1/0%
2005	6/0%	24 / 12%	54 / 7%	55 / 2%	30 / 7%	30 / 0%	28 / 7%	10 / 0%	43 / 2%	14 / 0%	45 / 4%	30 / 0%
2006	8 / 12%	9/11%	13 / 0%	16 / 0%	6/0%	5/0%	5 / 20%	5/0%	5/0%	4/0%	13 / 15%	11 / 0%
2007	9/0%	57 / 4%	50 / 6%	58 / 9%	30 / 7%	41 / 2%	35 / 6%	8/0%	56 / 0%	28 / 0%	63 / 5%	41 / 0%
2008	1/0%	10 / 0%	19 / 5%	15 / 13%	3/0%	11 / 0%	8/0%	5/0%	12 / 0%	3/0%	11/0%	9/0%
2009	6/0%	42 / 5%	40 / 0%	58 / 0%	34 / 6%	33 / 0%	28 / 4%	10 / 0%	39 / 3%	23 / 0%	45 / 2%	31/3%
2010	4/0%	3/0%	16 / 6%	18 / 0%	8 / 12%	7/0%	14 / 7%	2/0%	8/0%	6/0%	12 / 0%	7/0%
2011	6/17%	61/5%	48 / 0%	70 / 4%	41/0%	55 / 5%	60 / 0%	15 / 0%	53 / 2%	45 / 0%	76 / 5%	36 / 0%
2012	3/0%	11 / 9%	19 / 5%	22 / 9%	8/0%	15 / 0%	12 / 0%	7 / 0%	14 / 0%	5/0%	14 / 14%	17 / 0%
2013	6/0%	83 / 0%	75 / 3%	77 / 3%	47 / 4%	66 / 0%	84 / 0%	19 / 0%	79 / 0%	41/0%	111 / 2%	51 / 0%
2014	13 / 0%	5/0%	32 / 0%	32 / 6%	7 / 0%	12 / 0%	26 / 0%	7 / 0%	9/0%	10 / 10%	14 / 7%	13 / 0%
2015	18 / 0%	81 / 4%	82 / 1%	94 / 2%	56 / 0%	77 / 1%	105 / 3%	17 / 0%	79 / 0%	35 / 0%	109 / 1%	52 / 0%
2016	12 / 0%	9/0%	31/0%	14 / 7%	4/0%	10 / 10%	48 / 0%	4 / 25%	15 / 0%	4/0%	15 / 0%	13 / 0%
2017	8/0%	86 / 3%	102 / 0%	83 / 4%	63 / 2%	60 / 2%	127 / 0%	12 / 0%	79 / 0%	48 / 2%	101 / 0%	56 / 0%
2018	9/0%	15 / 0%	43 / 0%	15 / 7%	9/0%	9/0%	51 / 2%	7 / 0%	9/0%	3/0%	15 / 7%	4/0%
2019	9/0%	67 / 1%	117 / 1%	60 / 0%	62 / 0%	54 / 0%	125 / 1%	10 / 0%	62 / 0%	41 / 0%	98 / 1%	34 / 0%
2020	3/0%	15 / 0%	112 / 2%	9/0%	8/0%	8/0%	41 / 5%	2/0%	7 / 0%	1/0%	18 / 0%	8/0%
2021	5/0%	35 / 3%	102 / 2%	45 / 0%	38 / 0%	29 / 0%	62 / 0%	14 / 0%	40 / 0%	25 / 0%	50 / 0%	34 / 0%
2022	3/0%	2/0%	13 / 0%	4/0%	1/0%	0/0%	15 / 0%	2/0%	9/0%	1/0%	2/0%	1/0%
2023	1/0%	4/0%	2/0%	3/0%	0/0%	2/0%	1/0%	0/0%	3/0%	0/0%	2/0%	1/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	152 / 3%	679 / 3%	1081 / 2%	891 / 4%	531 / 2%	597 / 2%	929 / 2%	194 / 1%	704 / 0%	377 / 1%	897 / 3%	506 / 0%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year and	d Test Stat	ion	
	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	096451	050067	050018	096354	050054	096201	115274	096915	096825	115026	096249	092109
1996	1/0%	1/0%	2 / 50%	2/0%	1/0%	1/0%	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%
1997	2 / 50%	4/0%	10 / 20%	11 / 0%	6/0%	10 / 0%	1/100%	2 / 50%	2/0%	0/0%	1/0%	5 / 20%
1998	2/0%	1/0%	2 / 50%	4/0%	3/0%	8/0%	0/0%	1/0%	3/0%	1/0%	0/0%	0/0%
1999	6/0%	8/0%	17 / 12%	21 / 0%	4/0%	15 / 0%	3 / 33%	3/0%	17 / 0%	2/0%	10 / 10%	7/0%
2000	2/0%	3/0%	8 / 12%	5/0%	5/0%	7 / 14%	2/0%	1/0%	11/0%	2/0%	2/0%	3/0%
2001	14 / 0%	8 / 12%	33 / 6%	26 / 0%	15 / 7%	26 / 0%	7 / 14%	4/0%	31/6%	2/0%	8/0%	12 / 0%
2002	3/0%	1/0%	5/0%	16 / 0%	5/0%	9/11%	1/0%	2/0%	7 / 0%	1/0%	2/0%	2 / 50%
2003	15 / 0%	13 / 23%	42 / 5%	46 / 4%	10 / 0%	43 / 0%	8/0%	13 / 0%	44 / 0%	2/0%	13 / 8%	18 / 17%
2004	6/0%	5 / 20%	11/9%	21/0%	3/0%	14 / 0%	2 / 50%	5 / 20%	17 / 0%	4/0%	7 / 14%	1/0%
2005	22 / 0%	15 / 7%	48 / 6%	61 / 0%	13 / 8%	32 / 16%	10 / 0%	20 / 5%	68 / 0%	6 / 17%	15 / 0%	12 / 17%
2006	5 / 20%	5/0%	9 / 22%	21/0%	6/0%	12 / 0%	3/0%	5/0%	7 / 14%	1/0%	9/0%	4 / 25%
2007	38 / 0%	26 / 12%	33 / 6%	87 / 0%	17 / 0%	58 / 12%	10 / 0%	20 / 15%	125 / 1%	7 / 29%	35 / 6%	25 / 4%
2008	7 / 14%	7 / 0%	11/0%	29 / 0%	4/0%	18 / 0%	3/0%	2 / 50%	19 / 5%	1/0%	11/0%	3/0%
2009	31 / 0%	15 / 7%	37 / 11%	66 / 0%	14 / 7%	35 / 6%	8/0%	14 / 0%	128 / 0%	8/0%	33 / 3%	32 / 9%
2010	6/0%	4/0%	12 / 17%	22 / 9%	1/0%	22 / 9%	2/0%	8/0%	46 / 0%	4/0%	10 / 0%	2 / 50%
2011	34 / 3%	17 / 12%	40 / 5%	81 / 4%	28 / 4%	55 / 2%	18 / 0%	36 / 6%	213 / 0%	8/0%	45 / 2%	44 / 2%
2012	10 / 10%	4/0%	10 / 0%	24 / 0%	2/0%	19 / 0%	6/0%	14/0%	49 / 0%	4/0%	11 / 18%	8/0%
2013	68 / 6%	37 / 8%	55 / 2%	70 / 0%	29 / 0%	74 / 1%	10 / 0%	32 / 0%	311/0%	11/0%	54 / 2%	61/3%
2014	9/0%	3/0%	13 / 0%	18 / 0%	5/0%	23 / 0%	2 / 50%	8 / 12%	63 / 2%	4/0%	7/0%	4/0%
2015	68 / 1%	41 / 2%	68 / 3%	73 / 0%	30 / 3%	75 / 3%	29 / 10%	47 / 0%	431 / 0%	12 / 0%	51/0%	62 / 0%
2016	5/0%	3/0%	8/0%	12 / 0%	2/0%	20 / 5%	6/17%	12 / 0%	98 / 0%	1/0%	10 / 0%	5/0%
2017	68 / 1%	40 / 5%	70 / 0%	56 / 0%	37 / 0%	93 / 0%	17 / 0%	59 / 0%	560 / 0%	12 / 0%	68 / 0%	90 / 1%
2018	5/0%	2/0%	10 / 0%	9/0%	4/0%	19 / 5%	4/0%	7 / 0%	94 / 0%	2/0%	16 / 0%	9/0%
2019	58 / 2%	34 / 0%	60 / 0%	38 / 0%	18 / 0%	77 / 3%	8/0%	50 / 2%	546 / 0%	7/0%	37 / 0%	67 / 0%
2020	6/0%	4/0%	8/0%	8/0%	2/0%	19 / 0%	4/0%	52 / 2%	205 / 0%	1/0%	8/0%	7/0%
2021	23 / 0%	13 / 0%	38 / 0%	25 / 0%	10 / 0%	47 / 0%	10 / 0%	116 / 0%	652 / 0%	2/0%	28 / 0%	39 / 0%
2022	2/0%	0/0%	3/0%	4/0%	0/0%	15 / 0%	1/0%	52 / 0%	98 / 0%	0/0%	1/0%	1/0%
2023	2/0%	0/0%	1/0%	0/0%	0/0%	2/0%	1/0%	11/0%	24 / 0%	0/0%	4/0%	1/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	1/0%	0/0%	0/0%	0/0%
Total	518 / 2%	314 / 6%	664 / 5%	856 / 1%	274 / 2%	848 / 3%	176 / 5%	597 / 2%	3870 / 0%	105 / 3%	496 / 2%	524 / 3%

		Att	achment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year an	d Test Stat	ion	
Madal Vacu	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	050216	115050	096283	050209	050023	092147	092038	092183	092054	096251	096720	096148
1996	0/0%	0/0%	0/0%	3/0%	4 / 25%	1/0%	1/0%	0/0%	0/0%	1/0%	1/0%	2/0%
1997	1/0%	5/0%	0/0%	13 / 15%	8/0%	0/0%	10 / 20%	0/0%	2/0%	4/0%	5/0%	6/0%
1998	1/0%	0/0%	0/0%	4 / 25%	3/0%	1/0%	3/0%	0/0%	1/0%	0/0%	1/0%	0/0%
1999	0/0%	8/0%	3 / 33%	19 / 5%	12 / 17%	5/0%	11/0%	2/0%	11/0%	6/17%	5/0%	6/0%
2000	1/0%	1/0%	1/0%	3/0%	8/0%	2/0%	3/0%	1/0%	2/0%	2/0%	1/0%	2/0%
2001	3/0%	11 / 27%	2/0%	26 / 4%	15 / 7%	5/0%	18 / 6%	5 / 20%	4 / 25%	6/0%	10 / 0%	13 / 0%
2002	0/0%	2/0%	0/0%	7/0%	12 / 8%	0/0%	11/0%	0/0%	1/0%	1/0%	2/0%	6/0%
2003	0/0%	11 / 27%	4/0%	43 / 7%	30 / 0%	5/0%	33 / 6%	5/0%	13 / 15%	7/0%	11/0%	16 / 6%
2004	2/0%	5/0%	2/0%	5/0%	16 / 0%	1/0%	14 / 21%	2/0%	6/0%	8/12%	7 / 0%	8 / 12%
2005	5/0%	11/0%	9/0%	61 / 7%	36 / 3%	16 / 6%	45 / 4%	7 / 0%	17 / 6%	15 / 0%	22 / 5%	25 / 8%
2006	18 / 0%	1/0%	9/0%	16 / 12%	19 / 11%	4/0%	13 / 0%	2/0%	2/0%	6/0%	5/0%	6/0%
2007	39 / 3%	22 / 5%	16 / 0%	67 / 4%	45 / 7%	18 / 0%	59 / 0%	8/0%	37 / 3%	23 / 17%	27 / 0%	33 / 3%
2008	45 / 2%	3/0%	5/0%	6/33%	21 / 10%	13 / 0%	16 / 0%	4/0%	6/0%	7 / 14%	1/0%	9/0%
2009	64 / 2%	15 / 0%	16 / 0%	44 / 5%	46 / 4%	12 / 0%	44 / 7%	7 / 14%	33 / 6%	27 / 0%	22 / 0%	17 / 0%
2010	83 / 0%	3/0%	7 / 0%	10 / 0%	10 / 10%	3/0%	19 / 0%	3/0%	4/0%	3/0%	10 / 10%	8/0%
2011	70 / 0%	21/0%	30 / 0%	79 / 3%	89 / 0%	10 / 0%	61/5%	25 / 4%	31/6%	34 / 0%	40 / 5%	32 / 3%
2012	128 / 0%	1/0%	19 / 5%	17 / 6%	30 / 0%	3/0%	26 / 0%	4/0%	1/0%	11 / 9%	11/0%	11 / 9%
2013	166 / 1%	15 / 0%	59 / 2%	97 / 0%	108 / 6%	10 / 0%	70 / 1%	25 / 0%	54 / 4%	54 / 0%	69 / 1%	38 / 5%
2014	146 / 1%	1/0%	37 / 3%	10 / 0%	35 / 0%	8/0%	25 / 0%	6/0%	5/0%	14 / 0%	14 / 0%	11/0%
2015	132 / 0%	12 / 0%	145 / 1%	98 / 2%	155 / 2%	20 / 0%	77 / 1%	31/6%	68 / 0%	58 / 2%	99 / 1%	32 / 0%
2016	67 / 3%	2/0%	43 / 9%	12 / 0%	27 / 0%	3/0%	15 / 0%	5/0%	11/0%	14 / 0%	17 / 0%	11/0%
2017	20 / 0%	22 / 0%	178 / 1%	92 / 0%	169 / 1%	21/0%	70 / 3%	22 / 0%	82 / 1%	57 / 0%	101 / 0%	19 / 0%
2018	1/0%	1/0%	85 / 1%	11 / 0%	27 / 0%	6/0%	6/0%	12 / 0%	18 / 0%	11 / 0%	14 / 0%	2/0%
2019	4/0%	18 / 6%	213 / 0%	60 / 0%	168 / 0%	13 / 0%	54 / 2%	26 / 0%	88 / 2%	47 / 0%	86 / 2%	15 / 0%
2020	2/0%	0/0%	152 / 1%	6/0%	22 / 0%	4/0%	8/0%	5/0%	62 / 0%	3/0%	22 / 0%	9/0%
2021	2/0%	10 / 0%	250 / 0%	45 / 0%	90 / 0%	7 / 0%	43 / 0%	19 / 0%	104 / 0%	40 / 2%	71 / 0%	8/0%
2022	1/0%	0/0%	74 / 0%	3/0%	4/0%	2/0%	4/0%	4/0%	4/0%	5/0%	9/0%	1/0%
2023	0/0%	0/0%	21 / 0%	1/0%	2/0%	0/0%	2/0%	1/0%	0/0%	1/0%	7/0%	0/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	1001 / 1%	201 / 4%	1380 / 1%	858 / 3%	1211 / 2%	193 / 1%	761 / 3%	231 / 2%	667 / 2%	465 / 2%	690 / 1%	346 / 3%

		Att	tachment 1	L5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year an	d Test Stat	ion	
Model Year	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Wiodel Teal	115149	050033	096094	096233	092270	050142	050107	115132	096693	092090	057018P	092144
1996	0/0%	2/0%	0/0%	1/0%	0/0%	3/0%	1/0%	1/0%	3/0%	0/0%	0/0%	2/0%
1997	2/0%	2 / 50%	5/0%	3 / 33%	1/0%	4/0%	7 / 0%	19 / 5%	10 / 0%	8/0%	1/0%	5/0%
1998	2/0%	1/0%	1/0%	0/0%	0/0%	3/0%	2/0%	5/0%	3/0%	6/0%	0/0%	3 / 33%
1999	4 / 25%	3/0%	4/0%	7/0%	3/0%	6/0%	15 / 13%	19 / 0%	16 / 6%	14 / 0%	4/0%	16 / 0%
2000	2/0%	1/0%	3/0%	3/0%	0/0%	6/17%	1/0%	7 / 0%	6 / 50%	8/0%	6/0%	2/0%
2001	5 / 20%	4 / 25%	13 / 8%	16 / 38%	9/11%	19 / 0%	30 / 0%	37 / 3%	18 / 22%	30 / 3%	3/0%	15 / 13%
2002	0/0%	1/0%	2/0%	3 / 33%	2/0%	12 / 0%	12 / 0%	5/0%	9/0%	5/0%	3/0%	7 / 14%
2003	8/0%	7 / 0%	12 / 0%	21 / 19%	4 / 25%	24 / 0%	38 / 0%	35 / 0%	35 / 9%	33 / 0%	11 / 0%	28 / 7%
2004	3/0%	5/0%	9/11%	3 / 67%	1/0%	22 / 0%	10 / 0%	15 / 0%	11 / 9%	11 / 0%	12 / 0%	6/33%
2005	10 / 0%	5/0%	20 / 10%	17 / 12%	6/0%	25 / 8%	45 / 4%	49 / 0%	58 / 0%	42 / 2%	11 / 0%	34 / 9%
2006	0/0%	5/0%	8/0%	6/0%	1/0%	31 / 3%	9/0%	21 / 5%	13 / 8%	10 / 0%	6/0%	7 / 14%
2007	24 / 4%	6 / 17%	27 / 4%	26 / 4%	4/0%	56 / 5%	65 / 2%	52 / 0%	55 / 7%	50 / 2%	11 / 0%	20 / 15%
2008	5/0%	3/0%	8 / 12%	9 / 22%	2/0%	46 / 0%	19 / 0%	12 / 0%	17 / 12%	5/0%	14 / 0%	11 / 0%
2009	21 / 0%	1/0%	19 / 16%	9 / 33%	7/0%	35 / 3%	37 / 0%	43 / 0%	52 / 4%	38 / 0%	14 / 0%	26 / 12%
2010	5/0%	3/0%	11 / 9%	8 / 38%	0/0%	49 / 0%	19 / 0%	14 / 0%	27 / 0%	5/0%	11/0%	10 / 20%
2011	11 / 9%	6/0%	27 / 4%	29 / 7%	12 / 0%	44 / 2%	71 / 3%	63 / 0%	64 / 0%	38 / 0%	11 / 0%	23 / 13%
2012	2/0%	1/0%	7 / 0%	8 / 12%	3/0%	48 / 0%	19 / 0%	24 / 0%	20 / 0%	9/0%	15 / 0%	10 / 0%
2013	12 / 8%	10 / 0%	47 / 4%	39 / 0%	12 / 0%	48 / 4%	98 / 1%	74 / 0%	83 / 1%	71 / 0%	15 / 0%	40 / 0%
2014	3/0%	5/0%	19 / 5%	8/0%	5/0%	34 / 0%	23 / 0%	16 / 0%	21 / 5%	15 / 0%	15 / 0%	8/0%
2015	10 / 0%	9/0%	50 / 2%	37 / 16%	11/0%	40 / 0%	134 / 1%	85 / 0%	103 / 3%	66 / 0%	4/0%	46 / 0%
2016	3/0%	1/0%	21 / 0%	4/0%	2/0%	14 / 0%	25 / 0%	21 / 0%	21 / 5%	10 / 0%	4/0%	10 / 0%
2017	11 / 0%	6/0%	43 / 0%	26 / 19%	13 / 8%	19 / 0%	104 / 0%	81 / 0%	80 / 4%	50 / 0%	3/0%	34 / 0%
2018	0/0%	1/0%	15 / 0%	8/0%	2/0%	8/0%	14 / 0%	12 / 0%	17 / 0%	3/0%	0/0%	1/0%
2019	5/0%	7/0%	31/0%	20 / 0%	14 / 0%	10 / 0%	78 / 0%	47 / 0%	62 / 2%	22 / 0%	0/0%	24 / 0%
2020	0/0%	1/0%	9/0%	3/0%	0/0%	2/0%	12 / 0%	7/0%	15 / 0%	2/0%	1/0%	3/0%
2021	3/0%	3/0%	28 / 4%	9/0%	8/0%	7/0%	75 / 0%	28 / 0%	48 / 0%	9/0%	0/0%	12 / 0%
2022	0/0%	0/0%	0/0%	3/0%	0/0%	1/0%	4/0%	2/0%	5 / 20%	0/0%	0/0%	1/0%
2023	0/0%	0/0%	0/0%	0/0%	1/0%	0/0%	1/0%	2/0%	2/0%	0/0%	0/0%	0/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	151 / 3%	99 / 3%	439 / 4%	326 / 12%	-	616 / 2%	968 / 1%	796 / 0%	874 / 4%	560 / 1%	175 / 0%	404 / 6%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	del Year an	d Test Stat	ion	
Barriel Ween	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	036148	096113	096866	096726	115348	096104	092175	092030	096297	092237	036033	036096
1996	0/0%	1/0%	0/0%	0/0%	4/0%	1/0%	0/0%	1/0%	4/0%	0/0%	0/0%	0/0%
1997	1/0%	4/0%	8/0%	1/0%	12 / 8%	2/0%	0/0%	2/0%	15 / 7%	1/100%	3/0%	0/0%
1998	0/0%	3 / 33%	0/0%	0/0%	5/0%	0/0%	0/0%	1/0%	5/0%	1/0%	1/0%	0/0%
1999	0/0%	8 / 38%	8/12%	10 / 20%	6/17%	6/0%	0/0%	13 / 0%	39 / 5%	1/0%	1/0%	1/0%
2000	0/0%	2/0%	2/0%	4 / 25%	2/0%	1/0%	0/0%	2/0%	9/0%	0/0%	1/0%	0/0%
2001	1/0%	8/0%	10 / 0%	14 / 14%	22 / 5%	9/0%	2/0%	11/9%	30 / 10%	0/0%	5/0%	3/0%
2002	0/0%	5/0%	0/0%	8 / 50%	4 / 0%	2/0%	0/0%	2/50%	13 / 8%	1/0%	1/0%	0/0%
2003	2/0%	19 / 11%	13 / 15%	25 / 12%	18 / 22%	11 / 9%	0/0%	17 / 0%	57 / 4%	14 / 0%	4 / 0%	1/0%
2004	0/0%	6/17%	5 / 20%	11/0%	7 / 0%	4/0%	0/0%	9/11%	24 / 0%	1/100%	2/0%	1/0%
2005	3/0%	20 / 5%	18 / 6%	22 / 9%	35 / 6%	29 / 3%	4 / 25%	27 / 0%	59 / 0%	2/0%	12 / 0%	3/0%
2006	0/0%	19 / 16%	2/0%	6/33%	15 / 7%	4/0%	0/0%	6/0%	25 / 8%	2/0%	2/0%	0/0%
2007	3/0%	22 / 5%	27 / 4%	46 / 15%	36 / 3%	24 / 8%	2/0%	34 / 0%	95 / 6%	12 / 8%	12 / 0%	3/0%
2008	0/0%	10 / 20%	8/12%	8 / 12%	15 / 13%	5/0%	0/0%	10 / 0%	30 / 3%	2/0%	4 / 25%	3/0%
2009	2/0%	20 / 0%	29 / 10%	22 / 18%	43 / 0%	24 / 4%	2/0%	17 / 6%	56 / 2%	6/0%	2/0%	3/0%
2010	0/0%	11/0%	12 / 17%	6/0%	13 / 0%	8/0%	0/0%	3/0%	30 / 3%	1/0%	2/0%	4/0%
2011	7 / 0%	37 / 11%	31 / 6%	28 / 7%	41 / 5%	46 / 0%	1/0%	22 / 0%	79 / 3%	10 / 0%	16 / 6%	8/0%
2012	2/0%	8 / 12%	12 / 0%	10 / 10%	12 / 0%	24 / 4%	3/0%	6/17%	27 / 11%	2/0%	1/0%	12 / 0%
2013	8 / 12%	58 / 2%	39 / 0%	47 / 4%	50 / 2%	86 / 1%	4/0%	43 / 0%	124 / 3%	14 / 0%	15 / 0%	14 / 0%
2014	2/0%	12 / 17%	7/0%	8 / 12%	16 / 0%	31 / 0%	0/0%	4/0%	27 / 7%	1/0%	3/0%	9/0%
2015	12 / 0%	54 / 0%	54 / 2%	44 / 5%	63 / 2%	161 / 1%	4/0%	39 / 0%	170 / 0%	18 / 0%	14 / 0%	16 / 0%
2016	1/0%	17 / 0%	4 / 25%	10 / 0%	13 / 0%	50 / 0%	1/0%	1/0%	27 / 0%	3/0%	2/0%	19 / 0%
2017	14 / 14%	64 / 0%	54 / 0%	61 / 2%	43 / 0%	213 / 0%	3/0%	36 / 0%	147 / 1%	18 / 0%	21/0%	28 / 0%
2018	3/0%	22 / 5%	4/0%	11 / 27%	7 / 0%	77 / 0%	0/0%	4/0%	38 / 5%	1/0%	0/0%	20 / 0%
2019	19 / 0%	59 / 0%	39 / 5%	27 / 0%	27 / 0%	241 / 0%	5/0%	38 / 0%	102 / 1%	8/0%	11/0%	45 / 0%
2020	4/0%	12 / 0%	4/0%	8/0%	8/0%	96 / 0%	1/0%	2/0%	29 / 0%	1/0%	1/0%	40 / 2%
2021	14 / 0%	26 / 0%	24 / 0%	25 / 0%	34 / 0%	292 / 0%	3/0%	27 / 0%	53 / 0%	9/0%	9/0%	31/0%
2022	1/0%	2/0%	2/0%	1/0%	3/0%	56 / 0%	1/0%	1/0%	8/0%	0/0%	0/0%	21 / 0%
2023	0/0%	3/0%	0/0%	0/0%	1/0%	14 / 0%	0/0%	1/0%	1/0%	0/0%	0/0%	3/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	99 / 3%	532 / 4%	416 / 4%	463 / 9%	555 / 3%	1517 / 1%	36 / 3%	379 / 1%	1323 / 3%	129 / 2%	145 / 1%	288 / 0%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year an	d Test Stat	ion	
	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	092068	096521P	092043	096415	096220	096280	092161	092039	115517	096068	050050	096305
1996	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	1/0%	0/0%	0/0%	3 / 67%
1997	4/0%	0/0%	7/0%	2/0%	0/0%	5 / 20%	1/0%	11/9%	2/0%	3/0%	4/0%	5/0%
1998	1/0%	0/0%	0/0%	0/0%	0/0%	2/0%	1/0%	2/0%	1/0%	2/0%	2/0%	1/0%
1999	10 / 10%	0/0%	10 / 0%	5/0%	1/0%	3/0%	5/0%	7 / 0%	2/0%	4/0%	7 / 0%	5/0%
2000	1/0%	0/0%	2/0%	0/0%	1/0%	5/0%	3/0%	5 / 20%	2/0%	1/0%	1/0%	0/0%
2001	16 / 6%	1/0%	19 / 5%	5 / 0%	1/0%	4/0%	7/0%	24 / 4%	2/0%	7 / 14%	3/0%	6/33%
2002	5/0%	0/0%	7/0%	2/0%	0/0%	3/0%	5 / 20%	1/0%	1/0%	5 / 20%	4/0%	2/0%
2003	8 / 12%	1/0%	25 / 12%	5 / 0%	2/0%	18 / 6%	11 / 18%	16 / 0%	4/0%	11 / 9%	13 / 0%	16 / 6%
2004	3/0%	1/0%	8/0%	3/0%	1/0%	6/0%	2/0%	9/0%	2/0%	4/0%	1/0%	8 / 12%
2005	17 / 0%	1/0%	31 / 10%	6/0%	2/0%	15 / 0%	20 / 10%	31 / 0%	3 / 33%	12 / 8%	20 / 10%	26 / 12%
2006	5/0%	5/0%	10 / 10%	1/100%	1/0%	3/0%	10 / 10%	8/0%	3/0%	8/12%	2/0%	11 / 9%
2007	30 / 3%	9/0%	26 / 0%	8/0%	11 / 0%	18 / 0%	14 / 29%	36 / 0%	11 / 9%	18 / 6%	19 / 0%	24 / 17%
2008	5 / 20%	9/0%	11/9%	1/0%	2/0%	5/0%	9/0%	18 / 11%	5 / 40%	4 / 25%	2/0%	15 / 0%
2009	23 / 0%	8/0%	26 / 0%	7 / 0%	7 / 0%	14 / 0%	18 / 17%	41 / 0%	14 / 0%	14 / 0%	20 / 5%	27 / 7%
2010	5 / 20%	17 / 6%	7 / 14%	1/0%	0/0%	6/0%	14 / 14%	10 / 0%	4/0%	1/0%	3/0%	16 / 12%
2011	30 / 3%	22 / 0%	19 / 5%	8/0%	8/0%	19 / 5%	34 / 6%	71 / 0%	15 / 0%	28 / 0%	26 / 8%	46 / 2%
2012	5/0%	39 / 3%	10 / 0%	4/0%	6/0%	7 / 0%	3 / 67%	15 / 0%	8/0%	8/0%	1/0%	9/0%
2013	62 / 8%	52 / 0%	29 / 0%	9/0%	20 / 5%	24 / 0%	34 / 3%	74 / 0%	32 / 0%	28 / 0%	37 / 5%	52 / 0%
2014	2/0%	65 / 0%	6/0%	2/0%	8/0%	9/0%	5/0%	19 / 0%	13 / 8%	7 / 0%	7 / 0%	13 / 0%
2015	77 / 5%	84 / 0%	30 / 3%	11 / 0%	11/0%	18 / 0%	34 / 3%	75 / 1%	46 / 0%	37 / 0%	40 / 2%	54 / 2%
2016	6/0%	62 / 0%	6/0%	1/0%	2/0%	3/0%	6/17%	12 / 0%	5/0%	2/0%	1/0%	16 / 0%
2017	64 / 2%	66 / 0%	36 / 3%	8 / 12%	15 / 0%	20 / 0%	30 / 0%	97 / 0%	40 / 0%	30 / 0%	39 / 0%	54 / 0%
2018	6/0%	57 / 0%	5/0%	2/0%	2/0%	6/0%	6/0%	12 / 0%	17 / 0%	3/0%	8/0%	8/0%
2019	59 / 2%	15 / 0%	14 / 7%	5/0%	10 / 0%	13 / 0%	21/0%	47 / 0%	33 / 0%	23 / 9%	17 / 0%	33 / 0%
2020	6/0%	3/0%	4/0%	3/0%	1/0%	3/0%	6/0%	8/0%	15 / 0%	5/0%	6/0%	13 / 0%
2021	34 / 0%	2/0%	14 / 0%	6/0%	2/0%	10 / 0%	11/0%	37 / 0%	30 / 0%	13 / 0%	20 / 0%	13 / 0%
2022	5/0%	0/0%	1/0%	1/0%	0/0%	0/0%	1/0%	2/0%	11 / 0%	2/0%	1/0%	1/0%
2023	1/0%	0/0%	0/0%	0/0%	0/0%	1/0%	0/0%	2/0%	10 / 0%	0/0%	0/0%	0/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	490 / 4%	519 / 0%	363 / 4%	106 / 2%	114 / 1%	240 / 1%	311 / 7%	690 / 1%	332 / 2%	280 / 3%	304 / 3%	477 / 4%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year an	d Test Stat	ion	
Model Year	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Wiodel Teal	092065	036137	115003	096296	050043	096340	092010	096065	096218	092023	050060	096715
1996	0/0%	0/0%	0/0%	2/50%	2/0%	1/0%	0/0%	0/0%	0/0%	1/0%	0/0%	0/0%
1997	6/0%	0/0%	2/0%	3/0%	8/0%	9/11%	5/0%	2/50%	4/0%	3/0%	2/0%	2/0%
1998	1/0%	0/0%	4/0%	0/0%	3/0%	4/0%	2/50%	1/0%	0/0%	0/0%	1/0%	2/0%
1999	6/0%	0/0%	4/0%	8/0%	5/0%	11 / 18%	7/0%	2/0%	0/0%	2 / 50%	1/0%	3/0%
2000	5/0%	0/0%	5 / 20%	2/0%	6/0%	5/0%	2/0%	0/0%	0/0%	2/0%	1/0%	0/0%
2001	7 / 29%	0/0%	5/0%	8/0%	12 / 8%	15 / 7%	10 / 0%	3/0%	2/0%	5/0%	5/0%	1/0%
2002	0/0%	0/0%	3/0%	11/0%	6/0%	2 / 50%	4/0%	3/0%	0/0%	0/0%	2/0%	0/0%
2003	14 / 7%	0/0%	11 / 9%	18 / 0%	16 / 6%	16 / 12%	15 / 0%	3 / 33%	7 / 14%	14 / 0%	10 / 10%	6/0%
2004	5 / 20%	0/0%	3/0%	3/0%	9/0%	4 / 0%	3/0%	2/0%	3/0%	4/0%	3/0%	1/0%
2005	16 / 12%	1/0%	15 / 7%	29 / 0%	19 / 0%	27 / 0%	22 / 0%	5/0%	9/0%	15 / 7%	10 / 0%	10 / 10%
2006	4 / 25%	1/0%	7 / 14%	9/0%	10 / 10%	5/0%	7 / 14%	2/0%	8/0%	7 / 0%	1/0%	6/0%
2007	23 / 9%	0/0%	17 / 0%	50 / 0%	36 / 11%	32 / 6%	31 / 3%	8/0%	29 / 0%	12 / 17%	10 / 0%	13 / 8%
2008	8/0%	1/0%	6/0%	11 / 0%	19 / 5%	10 / 0%	4/0%	1/0%	9/0%	8/0%	3/0%	4/0%
2009	19 / 0%	0/0%	15 / 13%	29 / 0%	21 / 0%	25 / 0%	21 / 0%	14 / 0%	44 / 0%	10 / 0%	7 / 0%	18 / 11%
2010	7/0%	1/0%	6/17%	8/0%	6/0%	11 / 0%	10 / 0%	3/0%	14 / 0%	3/0%	2/0%	6/17%
2011	34 / 0%	4/0%	32 / 6%	47 / 0%	40 / 2%	37 / 0%	32 / 0%	25 / 0%	67 / 3%	10 / 0%	11 / 0%	17 / 12%
2012	7/0%	5/0%	18 / 6%	20 / 0%	12 / 0%	7 / 0%	9/0%	10 / 0%	8/0%	3/0%	2/0%	7 / 0%
2013	44 / 0%	11 / 0%	35 / 3%	69 / 1%	50 / 0%	32 / 3%	63 / 5%	38 / 0%	105 / 1%	18 / 0%	15 / 0%	24 / 4%
2014	7 / 0%	10 / 0%	26 / 0%	19 / 0%	11 / 9%	8/0%	15 / 0%	23 / 0%	26 / 0%	5/0%	4 / 25%	10 / 10%
2015	64 / 0%	18 / 0%	31/3%	56 / 0%	57 / 0%	32 / 0%	75 / 1%	49 / 2%	225 / 1%	23 / 0%	20 / 0%	24 / 0%
2016	10 / 0%	10 / 0%	14 / 0%	16 / 0%	18 / 0%	15 / 0%	25 / 4%	40 / 2%	43 / 0%	2/0%	3/0%	4 / 25%
2017	55 / 0%	19 / 5%	17 / 0%	77 / 0%	48 / 0%	18 / 0%	75 / 1%	130 / 1%	346 / 0%	22 / 0%	17 / 0%	26 / 4%
2018	12 / 0%	13 / 0%	9/0%	20 / 0%	9/0%	6/0%	11 / 0%	79 / 0%	80 / 0%	2/0%	1/0%	12 / 0%
2019	56 / 2%	16 / 0%	9/0%	56 / 0%	31/0%	17 / 0%	62 / 0%	173 / 0%	352 / 1%	15 / 0%	2/0%	32 / 0%
2020	16 / 0%	16 / 6%	1/0%	14 / 0%	10 / 0%	4/0%	10 / 0%	180 / 1%	352 / 0%	2/0%	2/0%	5/0%
2021	40 / 0%	27 / 0%	8/0%	38 / 0%	29 / 0%	10 / 0%	35 / 0%	110 / 0%	592 / 0%	5/0%	5/0%	12 / 0%
2022	3/0%	9/0%	1/0%	7 / 0%	0/0%	0/0%	1/0%	23 / 0%	210 / 0%	0/0%	0/0%	1/0%
2023	0/0%	6/0%	1/0%	1/0%	0/0%	0/0%	0/0%	39 / 0%	164 / 0%	0/0%	0/0%	0/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	2/0%	0/0%	0/0%	0/0%	0/0%
Total	469 / 2%	168 / 1%	305 / 4%	631 / 0%	493 / 2%	363 / 3%	556 / 2%	970 / 1%	2699 / 0%	193 / 2%	140 / 1%	246 / 4%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ite by Mod	lel Year an	d Test Stat	ion	
Madel Veer	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	096256	092179	096084	096258	092072	096493	096103	036018	096030	115687	036020	096970
1996	0/0%	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	2/0%
1997	6/0%	0/0%	6/0%	1/0%	1/0%	3/0%	1/0%	0/0%	0/0%	2/0%	0/0%	16 / 6%
1998	1/0%	1/0%	1/0%	2/0%	2/0%	3/0%	2/0%	0/0%	0/0%	0/0%	0/0%	5/0%
1999	15 / 0%	0/0%	9/0%	1/0%	2/0%	3/0%	4/0%	2/0%	1/0%	7/0%	1/0%	22 / 0%
2000	5 / 40%	2/0%	2/0%	2/0%	1/0%	1/0%	2/0%	0/0%	0/0%	2/0%	0/0%	5/0%
2001	20 / 0%	3/0%	14 / 7%	4 / 25%	2/0%	3 / 33%	12 / 0%	2/0%	0/0%	2/0%	1/0%	26 / 0%
2002	2/0%	0/0%	7 / 0%	0/0%	2/0%	2/0%	2/0%	0/0%	2/0%	0/0%	1/0%	8/0%
2003	20 / 5%	6/0%	11 / 0%	7 / 0%	5/0%	13 / 0%	19 / 5%	1/0%	1/0%	10 / 0%	3/0%	35 / 0%
2004	7 / 29%	1/0%	5 / 20%	3 / 33%	2 / 50%	4/0%	3/0%	0/0%	1/0%	2/0%	2/0%	12 / 0%
2005	35 / 6%	5/0%	15 / 0%	10 / 30%	6/0%	6/17%	20 / 0%	3/0%	3/0%	9/0%	3/0%	38 / 3%
2006	7/0%	1/0%	7/0%	4 / 25%	4 / 0%	5/0%	7 / 0%	0/0%	0/0%	4/0%	0/0%	14 / 14%
2007	58 / 2%	3 / 33%	25 / 8%	18 / 11%	6/0%	10 / 0%	29 / 0%	2/0%	1/0%	17 / 12%	2 / 50%	46 / 0%
2008	7 / 0%	2/0%	9/0%	9/0%	2/0%	2 / 50%	12 / 0%	2/0%	5/0%	1/0%	2/0%	17 / 0%
2009	33 / 0%	2/0%	10 / 0%	15 / 7%	8 / 12%	11/9%	18 / 0%	1/0%	4/0%	10 / 10%	6/0%	38 / 0%
2010	13 / 8%	1/0%	5/0%	7 / 0%	4/0%	4 / 25%	12 / 0%	0/0%	2/0%	4/0%	2/0%	9/0%
2011	54 / 4%	1/0%	17 / 6%	24 / 0%	17 / 6%	15 / 0%	30 / 3%	3/0%	9/0%	12 / 8%	5/0%	56 / 2%
2012	13 / 0%	3/0%	5/0%	13 / 0%	5/0%	3/0%	13 / 0%	0/0%	6/0%	2/0%	5/0%	8/0%
2013	53 / 0%	5/0%	20 / 10%	35 / 3%	30 / 3%	10 / 10%	35 / 0%	4/0%	16 / 0%	14 / 0%	18 / 0%	62 / 2%
2014	17 / 0%	2/0%	2/0%	10 / 0%	8/0%	3/0%	10 / 0%	0/0%	26 / 0%	6/0%	10 / 0%	11/0%
2015	75 / 4%	7 / 14%	34 / 0%	62 / 0%	36 / 0%	27 / 4%	39 / 0%	4/0%	32 / 0%	23 / 4%	15 / 0%	69 / 0%
2016	23 / 4%	1/0%	5/0%	11 / 9%	11/0%	2/0%	6/0%	1/0%	36 / 0%	5/0%	11/0%	8/0%
2017	78 / 1%	8 / 12%	19 / 0%	66 / 0%	24 / 0%	23 / 0%	42 / 0%	4/0%	78 / 3%	16 / 6%	16 / 0%	54 / 0%
2018	15 / 0%	2/0%	1/0%	2/0%	6/0%	5 / 20%	9/0%	4/0%	65 / 0%	4/0%	9/0%	8/0%
2019	62 / 0%	3/0%	9/0%	51 / 0%	23 / 0%	15 / 0%	35 / 3%	3/0%	105 / 0%	21 / 0%	9/0%	43 / 0%
2020	10 / 0%	1/0%	1/0%	9/0%	3/0%	3/0%	3/0%	0/0%	118 / 3%	2/0%	2/0%	2/0%
2021	28 / 0%	2/0%	8/0%	30 / 0%	14 / 0%	9/0%	16 / 0%	2/0%	144 / 0%	10 / 0%	6/0%	21 / 0%
2022	2/0%	0/0%	1/0%	2/0%	3/0%	0/0%	1/0%	0/0%	108 / 0%	2/0%	0/0%	2/0%
2023	1/0%	0/0%	1/0%	2/0%	1/0%	0/0%	0/0%	0/0%	40 / 0%	0/0%	0/0%	0/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	660 / 2%	62 / 5%	250 / 3%	400 / 3%	228 / 2%	185 / 4%	382 / 1%	38 / 0%	803 / 1%	187 / 3%	129 / 1%	637 / 1%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year an	d Test Stat	ion	
Model Year	Station 050229	Station 096772	Station 092102	Station 050051	Station 092064	Station 096209	Station 036149	Station 092107	Station 050052	Station 092189	Station 096240	Station 096489
1996	1/100%	0/0%	1/0%	1/0%	0/0%	0 / 0%	0/0%	0/0%	1/0%	0/0%	2/0%	0/0%
1997	6/17%	0/0%	3/0%	1/0%	2/0%	4/0%	1/0%	4 / 0%	4 / 25%	0/0%	1/0%	7/0%
1998	1/0%	0/0%	2/50%	1/0%	1/0%	0/0%	1/0%	0/0%	2/0%	2/0%	3/0%	1/0%
1999	8 / 25%	0/0%	5/0%	10 / 10%	2/0%	9/0%	0/0%	2/0%	18 / 6%	0/0%	7/0%	9/0%
2000	5/0%	0/0%	1/0%	0/0%	1/0%	1/0%	0/0%	0/0%	1/0%	0/0%	4/0%	1/0%
2001	27 / 22%	2/0%	10 / 0%	5 / 20%	5/0%	8/0%	5/0%	5/0%	11/0%	0/0%	9/0%	12 / 0%
2002	6/0%	0/0%	3/0%	2/0%	1/0%	1/0%	2/0%	0/0%	1/0%	0/0%	6/0%	1/0%
2003	25 / 28%	1/0%	24 / 8%	7/0%	11 / 0%	13 / 0%	0/0%	3/0%	24 / 17%	2/0%	20 / 0%	24 / 0%
2004	4 / 25%	0/0%	5/0%	3/0%	9/0%	1/0%	1/0%	1/0%	7 / 14%	1/0%	4 / 25%	8/0%
2005	22 / 14%	3/0%	35 / 9%	10 / 10%	9/0%	4/0%	1/0%	8/0%	31/3%	0/0%	26 / 8%	25 / 0%
2006	7/0%	1/0%	7/0%	6/0%	5/0%	0/0%	3/0%	3 / 33%	6/0%	1/0%	4/0%	4/0%
2007	24 / 21%	5/0%	42 / 2%	10 / 0%	26 / 0%	9/0%	10 / 0%	14 / 0%	28 / 4%	0/0%	27 / 0%	54 / 2%
2008	3/0%	2/0%	4/0%	4/0%	10 / 0%	5/0%	5/0%	2/0%	4/0%	4/0%	6/0%	4/0%
2009	13 / 0%	7/0%	43 / 2%	9/11%	29 / 3%	8/0%	6/0%	8 / 25%	27 / 7%	3/0%	20 / 0%	48 / 2%
2010	3 / 33%	0/0%	4/0%	2/0%	13 / 0%	2/0%	7/0%	2/0%	2/0%	3/0%	5/0%	13 / 0%
2011	32 / 6%	8/0%	45 / 4%	21 / 10%	79 / 0%	6/17%	10 / 0%	16 / 6%	21/0%	10 / 0%	29 / 3%	81 / 2%
2012	3 / 33%	0/0%	14 / 0%	4/0%	18 / 6%	2/0%	7/0%	0/0%	11/0%	13 / 0%	9/11%	14 / 14%
2013	18 / 17%	17 / 0%	78 / 0%	15 / 0%	76 / 0%	13 / 0%	31/3%	37 / 8%	29 / 7%	21/0%	43 / 2%	104 / 2%
2014	7/0%	2/0%	22 / 0%	4/0%	48 / 4%	4 / 0%	18 / 0%	8/0%	4/0%	22 / 0%	15 / 0%	34 / 3%
2015	24 / 4%	16 / 0%	137 / 1%	19 / 0%	188 / 1%	13 / 0%	28 / 0%	73 / 1%	44 / 0%	39 / 0%	45 / 0%	182 / 1%
2016	2/0%	1/0%	28 / 7%	4/0%	70 / 1%	5/0%	40 / 0%	13 / 23%	7 / 0%	44 / 0%	7/0%	68 / 3%
2017	17 / 6%	22 / 5%	206 / 1%	20 / 0%	206 / 0%	14 / 0%	41/5%	85 / 0%	45 / 0%	55 / 0%	37 / 0%	226 / 0%
2018	2/0%	2/0%	38 / 0%	4/0%	77 / 0%	1/0%	37 / 0%	19 / 0%	2/0%	40 / 0%	4/0%	83 / 1%
2019	8/0%	27 / 0%	197 / 0%	12 / 0%	276 / 0%	8/0%	48 / 0%	105 / 0%	31/0%	60 / 0%	28 / 0%	302 / 0%
2020	0/0%	3/0%	80 / 1%	2/0%	108 / 0%	1/0%	55 / 0%	36 / 0%	3/0%	56 / 0%	9/0%	208 / 0%
2021	7/0%	37 / 3%	173 / 1%	11/0%	275 / 1%	7/0%	48 / 0%	117 / 0%	21/0%	22 / 0%	20 / 0%	235 / 0%
2022	0/0%	7/0%	41/0%	0/0%	54 / 0%	0/0%	26 / 0%	17 / 0%	1/0%	8/0%	1/0%	72 / 0%
2023	0/0%	1/0%	26 / 0%	0/0%	20 / 0%	0/0%	1/0%	7/0%	0/0%	0/0%	3/0%	16 / 0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	1/0%
Total	275 / 13%		1274 / 1%		1619 / 0%	•	432 / 1%	585 / 2%	386 / 3%	406 / 0%	394 / 2%	1837 / 1%

		At	tachment 1	.5 - (3-4) In	itial Test V	olume and	d Failure Ra	ate by Mod	el Year an	d Test Stat	ion	
Model Veer	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	092265	036035	096814	092154	036059	096322	096411	036117	092055	050063	050070	092079
1996	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	1/100%
1997	3 / 33%	0/0%	1/0%	3/0%	0/0%	2/0%	4/0%	0/0%	0/0%	1/0%	1/0%	4/0%
1998	1/0%	0/0%	1/0%	0/0%	1/0%	0/0%	4/0%	0/0%	0/0%	0/0%	0/0%	0/0%
1999	3/0%	0/0%	3 / 33%	0/0%	1/0%	3/0%	5/0%	0/0%	0/0%	3/0%	7 / 0%	0/0%
2000	2/0%	0/0%	0/0%	1/0%	0/0%	0/0%	1/0%	0/0%	0/0%	1/0%	1/0%	1/0%
2001	5/0%	0/0%	8 / 12%	2/0%	0/0%	6/0%	5/0%	0/0%	3/0%	8/0%	4/0%	3/0%
2002	2/0%	0/0%	2/0%	1/0%	0/0%	0/0%	7/0%	0/0%	2/0%	1/0%	2/0%	2/0%
2003	7 / 0%	3/0%	6/0%	8/0%	1/0%	7 / 0%	22 / 5%	0/0%	4 / 50%	8/0%	17 / 0%	3/0%
2004	1/0%	0/0%	3/0%	0/0%	1/0%	0/0%	11 / 0%	1/0%	1/0%	4/0%	2/0%	0/0%
2005	16 / 0%	1/0%	12 / 8%	11 / 9%	3 / 33%	0/0%	36 / 3%	0/0%	5/0%	13 / 0%	21 / 10%	4/0%
2006	12 / 8%	0/0%	3 / 33%	2/0%	0/0%	7/0%	8 / 12%	1/0%	1/0%	3/0%	4/0%	3/0%
2007	27 / 0%	3 / 33%	23 / 9%	19 / 0%	2/0%	2/0%	25 / 4%	2/0%	6/0%	13 / 0%	24 / 0%	7 / 0%
2008	9 / 0%	1/0%	8 / 12%	1/0%	2/0%	0/0%	13 / 8%	0/0%	1/0%	3/0%	2/0%	3/0%
2009	17 / 0%	1/0%	10 / 0%	15 / 0%	5/0%	2/0%	20 / 0%	3/0%	6/0%	10 / 0%	15 / 0%	4/0%
2010	14 / 0%	0/0%	7/0%	3/0%	1/0%	1/0%	5/0%	4/0%	0/0%	4/0%	2/0%	2/0%
2011	28 / 0%	3/0%	20 / 0%	34 / 6%	6/17%	4/0%	18 / 0%	6/0%	8/0%	7/0%	32 / 0%	8/0%
2012	21 / 0%	0/0%	17 / 6%	3/0%	3/0%	2/0%	5/0%	7 / 0%	1/0%	3/0%	15 / 0%	2/0%
2013	26 / 0%	2/0%	38 / 0%	42 / 0%	6/0%	4/0%	20 / 0%	17 / 0%	7 / 14%	11 / 0%	47 / 2%	8/0%
2014	19 / 0%	1/0%	54 / 0%	5/0%	1/0%	5/0%	7 / 0%	16 / 0%	0/0%	0/0%	6/0%	2/0%
2015	14 / 0%	3 / 33%	101 / 1%	62 / 2%	10 / 0%	7/0%	19 / 0%	26 / 0%	12 / 0%	6/0%	87 / 0%	6/0%
2016	4/0%	2/0%	129 / 2%	4/0%	3/0%	9/0%	2/0%	25 / 0%	1/0%	1/0%	13 / 8%	2/0%
2017	16 / 0%	12 / 8%	234 / 0%	48 / 0%	8/0%	7 / 0%	19 / 0%	38 / 0%	10 / 0%	10 / 0%	81 / 0%	5/0%
2018	5 / 0%	2/0%	286 / 0%	3/0%	1/0%	1/0%	4/0%	34 / 0%	4/0%	2/0%	19 / 0%	0/0%
2019	9 / 0%	3/0%	370 / 0%	51 / 0%	10 / 0%	2/0%	8/0%	42 / 0%	15 / 0%	8/0%	98 / 1%	11 / 0%
2020	2/0%	0/0%	422 / 0%	2/0%	2/0%	4/0%	1/0%	33 / 0%	1/0%	0/0%	19 / 0%	0/0%
2021	6/0%	0/0%	701 / 0%	25 / 0%	3/0%	9/0%	7/0%	33 / 0%	9/0%	7/0%	93 / 0%	1/0%
2022	2/0%	0/0%	149 / 0%	3/0%	0/0%	1/0%	1/0%	19 / 0%	1/0%	2/0%	11/0%	0/0%
2023	0/0%	0/0%	25 / 0%	1/0%	0/0%	1/0%	0/0%	3/0%	0/0%	0/0%	0/0%	0/0%
2024	0/0%	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	271 / 1%	37 / 8%	2634 / 1%	349 / 1%	70 / 3%	86 / 0%	277 / 2%	310 / 0%	98 / 3%	129 / 0%	623 / 1%	82 / 1%

		Att	achment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year an	d Test Stati	on	
Madal Vasu	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	115505	096320	115032P	050028	050002	115368	096255	096818	096667	096332	096725	050175
1996	0/0%	0/0%	0/0%	3/0%	1/0%	1/0%	1/0%	0/0%	0/0%	0/0%	0/0%	4 / 50%
1997	1/0%	0/0%	0/0%	10 / 20%	5/0%	1/0%	3/0%	1/0%	0/0%	3 / 33%	1/0%	9/11%
1998	0/0%	0/0%	0/0%	0/0%	1/100%	1/0%	3/0%	0/0%	0/0%	1/0%	1/0%	3/0%
1999	3/0%	4 / 25%	1/0%	23 / 0%	1/0%	0/0%	2/0%	3/0%	1/0%	3/0%	2/0%	17 / 0%
2000	0/0%	0/0%	0/0%	9/11%	1/0%	1/0%	4/0%	2/0%	0/0%	0/0%	0/0%	5/0%
2001	0/0%	1/0%	5 / 20%	24 / 0%	2 / 50%	2/0%	8/0%	3/0%	0/0%	6/0%	2/0%	16 / 6%
2002	0/0%	1/0%	1/0%	14 / 7%	0/0%	3/0%	7 / 0%	0/0%	0/0%	2/0%	0/0%	8/0%
2003	0/0%	3 / 33%	7 / 0%	32 / 3%	4/0%	1/0%	17 / 6%	7 / 14%	9/0%	11/0%	1/0%	27 / 0%
2004	0/0%	1/0%	7 / 0%	12 / 8%	2/50%	1/0%	0/0%	2/0%	3/0%	4/0%	2/0%	9/11%
2005	0/0%	4 / 25%	1/0%	28 / 7%	4/0%	0/0%	9/0%	11/0%	4/0%	22 / 0%	2/0%	41 / 2%
2006	0/0%	1/0%	7/0%	14 / 7%	0/0%	2/0%	5/0%	1/0%	2/0%	5 / 20%	0/0%	6/0%
2007	1/100%	4/0%	3/0%	27 / 7%	6/17%	9/0%	21 / 5%	14 / 7%	14 / 0%	19 / 0%	1/0%	34 / 3%
2008	1/0%	3/0%	4/0%	11/0%	5/0%	4 / 0%	3/0%	3/0%	3/0%	2/0%	1/0%	11/0%
2009	2/0%	3 / 33%	9/0%	23 / 0%	4/0%	4/0%	14 / 0%	14/0%	22 / 0%	14 / 7%	1/0%	18 / 6%
2010	0/0%	2/0%	6/0%	11 / 0%	2/0%	2/0%	1/0%	3/0%	6/17%	9/0%	1/0%	7 / 0%
2011	2/0%	3/0%	6/0%	30 / 7%	7 / 0%	4/0%	29 / 0%	18 / 0%	60 / 0%	48 / 0%	3/0%	26 / 0%
2012	0/0%	2/0%	12 / 0%	12 / 8%	3/0%	0/0%	2/0%	8/0%	7 / 0%	17 / 0%	2/0%	4/0%
2013	1/0%	14 / 0%	11 / 0%	41 / 5%	8/0%	4/0%	15 / 0%	23 / 9%	114 / 0%	92 / 0%	1/0%	27 / 7%
2014	0/0%	2/0%	2/0%	16 / 6%	1/0%	1/0%	2/0%	6/0%	12 / 8%	52 / 0%	2/0%	6/0%
2015	4/0%	9/0%	1/0%	19 / 0%	10 / 10%	3/0%	18 / 0%	23 / 0%	104 / 0%	227 / 1%	2/0%	22 / 0%
2016	2/0%	1/0%	3/0%	7 / 0%	1/0%	0/0%	10 / 0%	5/0%	26 / 0%	86 / 1%	0/0%	4/0%
2017	0/0%	8 / 12%	2/0%	29 / 3%	11 / 0%	4/0%	12 / 0%	18 / 0%	158 / 1%	285 / 0%	0/0%	22 / 0%
2018	5/0%	0/0%	1/0%	2/0%	0/0%	0/0%	5/0%	6/0%	29 / 3%	125 / 0%	1/0%	6/0%
2019	3/0%	3/0%	0/0%	13 / 0%	11 / 0%	0/0%	21 / 0%	19 / 0%	166 / 1%	385 / 0%	0/0%	13 / 0%
2020	1/0%	6/0%	0/0%	0/0%	3/0%	0/0%	33 / 3%	3/0%	52 / 0%	273 / 0%	0/0%	1/0%
2021	1/0%	3/0%	1/0%	9/0%	4/0%	2/0%	34 / 0%	8/0%	173 / 0%	522 / 0%	0/0%	6/0%
2022	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	2/0%	0/0%	54 / 0%	98 / 0%	0/0%	0/0%
2023	0/0%	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%	59 / 0%	33 / 0%	0/0%	0/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	27 / 4%	78 / 6%	91 / 1%	419 / 4%	97 / 5%	50 / 0%	281 / 1%	201 / 2%	1078 / 0%	2344 / 0%	26 / 0%	352 / 3%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year an	d Test Stati	ion	
Model Year	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
iviouei fear	050077	096055	096291	096182	115049	115084	092070	092096	036121	050103	036056	036132
1996	4/0%	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	1/0%	0/0%
1997	20 / 5%	11/0%	7 / 14%	2/0%	1/0%	6/0%	1/0%	2/0%	1/0%	2 / 50%	1/0%	3/0%
1998	4/0%	0/0%	2/0%	0/0%	0/0%	0/0%	1/0%	0/0%	0/0%	1/0%	1/0%	2/0%
1999	21 / 0%	12 / 0%	6/0%	5 / 20%	0/0%	5/0%	0/0%	1/0%	3/0%	2/0%	8/0%	3/0%
2000	5/0%	1/0%	3 / 33%	2/0%	0/0%	1/0%	0/0%	1/0%	0/0%	1/0%	7/0%	1/0%
2001	26 / 0%	15 / 0%	12 / 0%	5/0%	0/0%	9/11%	3/0%	1/0%	3/0%	4 / 50%	6/0%	5/0%
2002	6/0%	3/0%	5/0%	5/0%	1/0%	0/0%	4/0%	2/0%	1/0%	0/0%	7 / 14%	1/0%
2003	22 / 0%	7 / 0%	9/0%	9/0%	6/0%	12 / 0%	4/0%	5/0%	1/0%	6/0%	10 / 0%	7 / 0%
2004	7 / 0%	5/0%	7 / 0%	2/0%	1/0%	1/0%	0/0%	3/0%	2/0%	2/0%	16 / 0%	4/0%
2005	39 / 0%	28 / 4%	16 / 6%	10 / 10%	2/0%	16 / 0%	2/0%	6/0%	5 / 20%	6/17%	18 / 6%	9/11%
2006	8/0%	1/0%	4 / 25%	3/0%	1/0%	3/0%	3/0%	0/0%	0/0%	3/0%	12 / 0%	0/0%
2007	41 / 2%	22 / 0%	17 / 0%	16 / 12%	3/0%	18 / 0%	7/0%	3 / 33%	13 / 8%	15 / 7%	12 / 0%	9/0%
2008	9/0%	1/0%	5/0%	4/0%	0/0%	2/0%	3/0%	2/0%	4/0%	4/0%	18 / 0%	2/0%
2009	23 / 0%	12 / 0%	21/0%	8/0%	3/0%	14 / 0%	2/0%	2/0%	6/0%	17 / 0%	13 / 8%	19 / 5%
2010	5/0%	2/0%	2/0%	2/0%	1/0%	3/0%	5/0%	1/0%	1/0%	3/0%	17 / 0%	0/0%
2011	27 / 0%	18 / 0%	29 / 0%	10 / 0%	6/0%	14/0%	8/0%	5/0%	6/0%	18 / 0%	25 / 4%	23 / 9%
2012	10 / 0%	7 / 14%	2/0%	4 / 25%	0/0%	4/0%	3/0%	1/0%	2/0%	7/0%	23 / 9%	5/0%
2013	30 / 3%	23 / 0%	33 / 0%	6/17%	4/0%	19 / 0%	14/0%	3/0%	11/9%	34 / 0%	25 / 4%	22 / 9%
2014	6/0%	2/0%	4/0%	0/0%	1/0%	2/0%	13 / 0%	2/0%	5/0%	13 / 0%	30 / 0%	2/0%
2015	38 / 0%	21 / 0%	18 / 0%	14 / 0%	5/0%	13 / 0%	16 / 0%	4/0%	29 / 3%	78 / 4%	28 / 0%	22 / 5%
2016	5/0%	1/0%	4/0%	2/0%	0/0%	3/0%	8/0%	0/0%	7 / 0%	25 / 0%	15 / 0%	6/17%
2017	42 / 0%	19 / 0%	20 / 0%	10 / 0%	6/0%	29 / 0%	12 / 0%	6/0%	47 / 0%	63 / 3%	14/0%	33 / 3%
2018	4/0%	4/0%	4/0%	1/0%	0/0%	2/0%	2/0%	0/0%	33 / 0%	29 / 0%	10 / 0%	3/0%
2019	20 / 0%	19 / 0%	11/0%	8/0%	1/0%	11/0%	11/0%	4/0%	82 / 0%	80 / 0%	2/0%	24 / 8%
2020	2/0%	2/0%	3/0%	1/0%	0/0%	2/0%	1/0%	0/0%	146 / 0%	68 / 1%	4 / 0%	3/0%
2021	12 / 0%	6/0%	3/0%	0/0%	0/0%	2/0%	2/0%	1/0%	60 / 0%	109 / 0%	3/0%	25 / 0%
2022	0/0%	1/0%	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%	22 / 0%	10 / 0%	2/0%	3/0%
2023	1/0%	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%	6/0%	8/0%	0/0%	2/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	1/0%	0/0%	0/0%	0/0%
Total	437 / 1%	244 / 1%	248 / 2%	130 / 5%	42 / 0%	191 / 1%	125 / 0%	55 / 2%	497 / 1%	608 / 2%	328 / 2%	238 / 5%

		Att	achment 1	l5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	el Year an	d Test Stat	ion	
Model Year	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
woder Year	036092	092063	036098	115792	096171	050062	096117	092248	036015	096467	092081	096800
1996	0/0%	0/0%	0/0%	4 / 25%	1/0%	1/0%	1/0%	1/0%	0/0%	1/0%	1/0%	0/0%
1997	0/0%	1/0%	4/0%	6/0%	11/0%	0/0%	6/0%	2/0%	1/0%	8/0%	3 / 33%	0/0%
1998	0/0%	0/0%	0/0%	2/0%	1/0%	3/0%	1/0%	1/0%	0/0%	2/0%	2/0%	0/0%
1999	1/0%	2/0%	1/0%	5/0%	13 / 8%	5 / 20%	6/17%	4/0%	1/0%	9/11%	2/0%	3/0%
2000	0/0%	0/0%	2/0%	5 / 20%	6/17%	2/0%	6/0%	0/0%	0/0%	3/0%	1/0%	0/0%
2001	1/0%	4 / 25%	3/0%	14 / 7%	17 / 0%	3/0%	7 / 14%	4/0%	2/0%	7/0%	10 / 0%	1/0%
2002	0/0%	0/0%	2/0%	0/0%	8/0%	4/0%	6/0%	0/0%	0/0%	2/0%	3/0%	3/0%
2003	0/0%	4 / 0%	6/0%	11/0%	26 / 0%	9/0%	17 / 6%	8/0%	1/0%	7 / 0%	16 / 19%	9/0%
2004	1/0%	1/0%	2/0%	7 / 0%	7 / 29%	2 / 50%	3/0%	0/0%	0/0%	1/0%	5 / 20%	2/0%
2005	2 / 50%	9/0%	4/0%	24 / 8%	28 / 11%	4/0%	16 / 0%	3/0%	1/0%	23 / 0%	18 / 17%	13 / 0%
2006	1/0%	2/0%	1/0%	16 / 19%	11/0%	4/0%	2/0%	5 / 20%	1/0%	7/0%	4 / 0%	3/0%
2007	2/0%	4 / 50%	7 / 0%	27 / 7%	39 / 0%	14 / 7%	27 / 0%	4/0%	3/0%	32 / 0%	26 / 12%	8/12%
2008	1/0%	0/0%	3/0%	9/0%	13 / 0%	2/0%	14 / 0%	0/0%	0/0%	8/0%	4/0%	3/0%
2009	1/0%	3/0%	2/0%	16 / 0%	15 / 7%	13 / 8%	17 / 0%	4 / 25%	2/0%	22 / 0%	21 / 14%	13 / 0%
2010	0/0%	2/0%	1/0%	12 / 8%	10 / 10%	6/0%	5/0%	1/0%	0/0%	4/0%	9/0%	4/0%
2011	0/0%	6/0%	4 / 0%	17 / 0%	32 / 0%	10 / 10%	26 / 12%	8/0%	1/0%	48 / 0%	24 / 8%	23 / 4%
2012	3/0%	1/0%	1/0%	4/0%	7 / 0%	9/11%	5/0%	0/0%	0/0%	12 / 0%	8/0%	6/0%
2013	6/0%	10 / 0%	5/0%	32 / 6%	36 / 3%	8/0%	22 / 0%	13 / 0%	2/0%	95 / 1%	43 / 2%	48 / 2%
2014	2/0%	1/0%	2/0%	8/0%	8/12%	5/0%	6/0%	3/0%	0/0%	26 / 8%	8/12%	19 / 0%
2015	3/0%	4 / 0%	3/0%	24 / 8%	29 / 0%	15 / 0%	25 / 0%	4 / 25%	0/0%	129 / 0%	35 / 0%	58 / 3%
2016	2/0%	0/0%	1/0%	7 / 0%	7 / 0%	6/0%	0/0%	0/0%	0/0%	47 / 0%	8/0%	25 / 0%
2017	4/0%	3/0%	8/0%	30 / 0%	28 / 4%	13 / 0%	21 / 0%	10 / 0%	2/0%	189 / 1%	41 / 7%	100 / 1%
2018	1/0%	0/0%	1/0%	5 / 20%	0/0%	5/0%	1/0%	1/100%	0/0%	80 / 0%	7 / 0%	41 / 2%
2019	2/0%	4 / 0%	3/0%	17 / 0%	24 / 0%	8/0%	14 / 0%	7 / 0%	1/0%	194 / 1%	29 / 0%	124 / 1%
2020	0/0%	0/0%	1/0%	1/0%	3/0%	2/0%	5/0%	4/0%	0/0%	113 / 0%	3/0%	92 / 0%
2021	0/0%	7 / 0%	5/0%	9/0%	9/0%	7 / 0%	11 / 0%	8/0%	0/0%	199 / 0%	19 / 0%	129 / 2%
2022	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	51 / 0%	2/0%	45 / 0%
2023	0/0%	0/0%	0/0%	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%	31 / 0%	0/0%	17 / 0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	33 / 3%	69 / 4%	72 / 0%	312 / 5%	390 / 3%	160 / 4%	270 / 2%	95 / 4%	18 / 0%	1350 / 0%	352 / 6%	789 / 1%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	Failure Ra	ate by Mod	el Year an	d Test Stat	ion	
B.C. alal Mana	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	092115	115057	115389G	096176	096471	036028	092219	096062	096605	115144G	096147P	036017
1996	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%
1997	2/0%	0/0%	0/0%	2/0%	1/0%	0/0%	3 / 33%	0/0%	0/0%	1/0%	0/0%	0 / 0%
1998	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	2/0%	0/0%	1/0%	0/0%	0/0%	0/0%
1999	1/0%	0/0%	0/0%	7 / 0%	5/0%	0/0%	1/0%	0/0%	2/0%	0/0%	0/0%	0/0%
2000	1/0%	1/100%	0/0%	1/0%	1/0%	0/0%	1/0%	0/0%	1/0%	0/0%	0/0%	1/100%
2001	1/0%	3/0%	1/0%	4/0%	15 / 7%	0/0%	4/0%	2/0%	1/0%	0/0%	0/0%	0/0%
2002	0/0%	0/0%	0/0%	2/0%	6/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
2003	1/0%	3/0%	0/0%	12 / 0%	19 / 5%	0/0%	6/0%	3/0%	2/0%	0/0%	0/0%	0/0%
2004	0/0%	1/0%	0/0%	6/0%	3/0%	2/0%	3/0%	2 / 50%	2/0%	0/0%	1/0%	0/0%
2005	2 / 50%	3/0%	5/0%	15 / 0%	28 / 4%	1/0%	3/0%	2/0%	3/0%	0/0%	0/0%	0/0%
2006	1/0%	0/0%	0/0%	6/0%	8/0%	0/0%	1/0%	4 / 25%	5/0%	0/0%	0/0%	1/0%
2007	3/0%	1/0%	20 / 0%	21/0%	42 / 2%	1/0%	6/0%	7/0%	5 / 20%	0/0%	0/0%	1/0%
2008	1/0%	1/0%	0/0%	4/0%	9/11%	1/0%	1/0%	6/0%	1/0%	1/0%	0/0%	0/0%
2009	3/0%	2/0%	1/0%	22 / 0%	43 / 7%	1/0%	3/0%	6/0%	1/0%	3/0%	0/0%	2/0%
2010	1/0%	0/0%	1/0%	5/0%	5/0%	1/0%	1/0%	3/0%	0/0%	1/0%	0/0%	1/0%
2011	3/0%	1/0%	6/0%	38 / 0%	71 / 3%	6/0%	1/0%	9/0%	4/0%	1/0%	0/0%	0/0%
2012	2/0%	0/0%	1/0%	21/5%	35 / 0%	3/0%	1/0%	9/11%	1/0%	0/0%	0/0%	1/0%
2013	7 / 0%	4/0%	19 / 0%	75 / 0%	127 / 2%	2/0%	9/0%	16 / 12%	7/0%	4/0%	0/0%	3/0%
2014	1/0%	1/0%	2/0%	24 / 0%	44 / 2%	10 / 0%	0/0%	8/0%	0/0%	1/0%	1/0%	0/0%
2015	11/0%	2/0%	14/0%	133 / 0%	204 / 0%	11 / 0%	6/0%	24 / 0%	4 / 25%	13 / 0%	1/0%	0/0%
2016	2 / 50%	2/0%	1/0%	43 / 0%	56 / 2%	12 / 0%	1/0%	7 / 0%	2/0%	0/0%	0/0%	0/0%
2017	11 / 0%	2/0%	15 / 0%	149 / 0%	266 / 0%	11/0%	6/0%	28 / 0%	2/0%	5/0%	1/0%	3/0%
2018	1/0%	5/0%	1/0%	36 / 0%	79 / 1%	10 / 0%	4/0%	8/0%	1/0%	4/0%	1/0%	1/0%
2019	10 / 0%	8 / 12%	6/0%	133 / 0%	254 / 0%	20 / 0%	10 / 0%	11/0%	0/0%	8/0%	0/0%	1/0%
2020	3/0%	1/0%	2/0%	51/0%	152 / 0%	13 / 0%	1/0%	11 / 0%	1/0%	4/0%	0/0%	0/0%
2021	3/0%	7 / 0%	27 / 0%	214 / 0%	251 / 0%	22 / 0%	3/0%	10 / 0%	2 / 50%	14 / 0%	0/0%	0/0%
2022	0/0%	1/0%	9/0%	18 / 0%	42 / 0%	8/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
2023	0/0%	0/0%	1/0%	70 / 0%	31 / 0%	2/0%	0/0%	0/0%	0/0%	1/0%	0/0%	0/0%
2024	0/0%	0/0%	0/0%	1/0%	3/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	71 / 3%	49 / 4%	132 / 0%	1113 / 0%	1800 / 1%	137 / 0%	77 / 1%	177 / 3%	48 / 6%	61/0%	5/0%	15 / 7%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	Failure Ra	ate by Mod	el Year an	d Test Stat	ion	
Model Year	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Woder rear	036119	115034	115055	050254	050183	115001	092097	092185	096292	096192	096862	092061
1996	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
1997	0/0%	0/0%	0/0%	2/0%	0/0%	3 / 33%	0/0%	0/0%	0/0%	1/0%	0/0%	0/0%
1998	0/0%	1/0%	0/0%	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
1999	0/0%	1/0%	0/0%	2/0%	2/0%	8/0%	0/0%	0/0%	1/0%	1/100%	1/0%	1/0%
2000	0/0%	0/0%	0/0%	0/0%	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
2001	0/0%	1/0%	0/0%	3/0%	1/0%	6/0%	0/0%	0/0%	0/0%	0/0%	0/0%	2/0%
2002	0/0%	0/0%	2/0%	2/0%	2/0%	0/0%	0/0%	0/0%	0/0%	1/0%	1/0%	1/0%
2003	1/0%	2/0%	2/0%	2/0%	4 / 0%	9/0%	0/0%	0/0%	2/0%	0/0%	1/0%	6/0%
2004	0/0%	1/0%	1/0%	1/0%	2/0%	4/0%	0/0%	0/0%	0/0%	0/0%	2/0%	4 / 25%
2005	0/0%	2/0%	3/0%	8/0%	1/0%	9/0%	1/0%	0/0%	1/0%	1/0%	5 / 20%	9/11%
2006	1/0%	5/0%	1/0%	2/0%	4/0%	3/0%	1/0%	0/0%	0/0%	0/0%	2/0%	4 / 0%
2007	6/0%	8 / 12%	3/0%	7 / 14%	0/0%	18 / 0%	2/0%	0/0%	0/0%	1/0%	3/0%	22 / 5%
2008	0/0%	2/0%	1/0%	0/0%	1/0%	3/0%	0/0%	0/0%	0/0%	0/0%	2/0%	3/0%
2009	6/0%	5/0%	3/0%	3/0%	1/0%	9/0%	2/0%	0/0%	0/0%	1/0%	3/0%	27 / 4%
2010	6/0%	1/0%	1/0%	0/0%	0/0%	4/0%	0/0%	0/0%	1/0%	0/0%	2/0%	11/0%
2011	11 / 0%	5 / 20%	2/0%	7/0%	7 / 0%	15 / 0%	3/0%	0/0%	0/0%	0/0%	6/0%	66 / 2%
2012	5/0%	2/0%	4/0%	1/0%	3/0%	6/0%	0/0%	0/0%	0/0%	0/0%	0/0%	13 / 8%
2013	31/0%	11 / 0%	2/0%	11 / 0%	3/0%	19 / 0%	1/0%	1/0%	2/0%	1/0%	6/0%	94 / 4%
2014	11 / 9%	0/0%	2/0%	1/0%	2/0%	0/0%	0/0%	0/0%	0/0%	1/0%	2/0%	29 / 3%
2015	25 / 4%	10 / 0%	3/0%	10 / 0%	1/0%	17 / 0%	1/0%	1/0%	4/0%	1/0%	12 / 0%	227 / 2%
2016	22 / 0%	5/0%	0/0%	2/0%	1/0%	1/0%	0/0%	1/0%	1/0%	1/0%	5/0%	28 / 4%
2017	34 / 3%	12 / 0%	3/0%	6/0%	5/0%	16 / 0%	0/0%	2/0%	3/0%	1/0%	24 / 0%	259 / 1%
2018	29 / 0%	2/0%	0/0%	3/0%	2/0%	2/0%	0/0%	7 / 0%	0/0%	0/0%	10 / 0%	44 / 0%
2019	37 / 0%	7/0%	1/0%	8/0%	2/0%	7 / 0%	1/0%	2/0%	1/0%	6/0%	23 / 0%	262 / 1%
2020	91/0%	2/0%	0/0%	2/0%	1/0%	0/0%	0/0%	3/0%	0/0%	1/0%	21 / 5%	197 / 0%
2021	54 / 0%	6/0%	0/0%	7 / 0%	2/0%	7 / 0%	1/0%	4/0%	9/0%	17 / 0%	34 / 0%	303 / 0%
2022	28 / 0%	0/0%	0/0%	1/0%	0/0%	3/0%	0/0%	2/0%	0/0%	3/0%	23 / 0%	67 / 0%
2023	4/0%	0/0%	0/0%	0/0%	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%	18 / 0%	96 / 0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0 / 0%	0/0%	0 / 0%	0/0%
Total	402 / 1%	91 / 2%	34 / 0%	91 / 1%	48 / 0%	171 / 1%	13 / 0%	23 / 0%	25 / 0%	38 / 3%	206 / 1%	1775 / 1%

		Att	achment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ite by Mod	el Year an	d Test Stati	on	
Madal Vasu	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Model Year	092241	036027	096052	096327	096248	092176	092208	109001	036062	096363G	036111	036016
1996	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%	3/0%	0/0%	0/0%	0/0%	1/0%	0/0%
1997	1/100%	0/0%	3/0%	5/0%	0/0%	0/0%	0/0%	0/0%	1/0%	0/0%	0 / 0%	0/0%
1998	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	3/0%	0/0%	0/0%	0/0%	0 / 0%	0/0%
1999	1/0%	1/0%	0/0%	9/0%	3 / 33%	1/0%	5/0%	1/0%	1/0%	0/0%	1/0%	0/0%
2000	1/0%	0/0%	0/0%	1/0%	1/0%	0/0%	2/0%	0/0%	0/0%	0/0%	0/0%	0/0%
2001	2/0%	0/0%	1/0%	8/0%	2/0%	1/0%	8/0%	1/0%	2/0%	0/0%	2/0%	2/0%
2002	1/100%	1/0%	0/0%	3/0%	0/0%	0/0%	2/0%	0/0%	1/0%	0/0%	1/0%	0/0%
2003	3/0%	1/100%	2/0%	15 / 7%	2/0%	0/0%	3/0%	3/0%	1/0%	0/0%	1/0%	5 / 20%
2004	1/0%	1/0%	1/0%	3/0%	1/0%	0/0%	6/0%	2/0%	0/0%	0/0%	0/0%	0/0%
2005	4 / 25%	5/0%	1/0%	11 / 0%	3/0%	1/0%	4/0%	3/0%	1/0%	1/0%	0/0%	1/0%
2006	0/0%	2/0%	0/0%	5/0%	2/0%	0/0%	2/0%	1/0%	2/0%	4/0%	1/0%	2/0%
2007	0/0%	6/0%	2/0%	15 / 7%	3/0%	0/0%	9/0%	6/0%	6/0%	16 / 0%	3/0%	1/0%
2008	0/0%	2/0%	1/100%	3/0%	1/0%	1/0%	3/0%	0/0%	2/0%	6/0%	0/0%	1/0%
2009	2/0%	5/0%	3/0%	29 / 0%	0/0%	0/0%	4/0%	2/0%	1/0%	13 / 0%	1/0%	2/0%
2010	1/0%	0/0%	0/0%	5/0%	4/0%	2/0%	0/0%	0/0%	0/0%	5/0%	1/0%	0/0%
2011	1/0%	9/0%	6/0%	35 / 0%	3/0%	4/0%	2/0%	6/0%	3/0%	16 / 0%	1/0%	6/0%
2012	0/0%	6 / 17%	5/0%	11/0%	4/0%	2/0%	0/0%	2/0%	3/0%	6/0%	0/0%	1/0%
2013	0/0%	11/0%	12 / 0%	50 / 0%	9/0%	1/0%	4/0%	6/0%	4/0%	26 / 0%	8/0%	5/0%
2014	0/0%	5/0%	6/0%	27 / 4%	3/0%	0/0%	0/0%	5/0%	5/0%	12 / 0%	1/0%	2/0%
2015	0/0%	24 / 0%	28 / 4%	92 / 0%	12 / 0%	1/0%	4/0%	8/0%	5 / 20%	44 / 0%	2/0%	3/0%
2016	0/0%	9/0%	13 / 0%	31/0%	9/0%	2/0%	1/0%	8/0%	4/0%	11 / 0%	0/0%	1/0%
2017	1/0%	23 / 0%	41 / 0%	146 / 0%	19 / 0%	3/0%	5/0%	12 / 0%	1/0%	54 / 0%	4/0%	8/0%
2018	1/0%	9/0%	30 / 0%	87 / 0%	13 / 0%	2/0%	0/0%	2/0%	3/0%	19 / 0%	1/0%	1/0%
2019	0/0%	19 / 0%	69 / 0%	161 / 0%	25 / 0%	4 / 0%	3/0%	13 / 0%	2/0%	82 / 0%	2/0%	5/0%
2020	0/0%	14 / 0%	59 / 0%	152 / 1%	26 / 0%	3/0%	0/0%	1/0%	0/0%	9/0%	0/0%	1/0%
2021	2/0%	17 / 0%	58 / 0%	256 / 0%	39 / 0%	2/0%	1/0%	6/0%	1/0%	33 / 0%	2/0%	4/0%
2022	0/0%	5/0%	27 / 0%	119 / 0%	39 / 0%	0/0%	0/0%	0/0%	2/0%	4/0%	0/0%	0/0%
2023	0/0%	4/0%	48 / 0%	123 / 0%	13 / 0%	0/0%	0/0%	0/0%	0/0%	1/0%	0/0%	0/0%
2024	0/0%	0/0%	1/0%	2/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	23 / 13%	179 / 1%	417 / 0%	1404 / 0%	236 / 0%	30 / 0%	74 / 0%	88 / 0%	51 / 2%	362 / 0%	33 / 0%	51 / 2%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year an	d Test Stati	on	
Model Year	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
iviouei reai	036066	096389	115171	092200P	096850p	036064	096757G	115269G	096782P	096275G	109003	096093P
1996	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
1997	0/0%	1/0%	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	3/0%
1998	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
1999	2/0%	0/0%	1/100%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
2000	0/0%	1/0%	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
2001	1/0%	4/0%	0/0%	0/0%	0/0%	2/0%	0/0%	0/0%	0/0%	0/0%	1/0%	2/0%
2002	0/0%	2/0%	3/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
2003	2/0%	1/0%	2/0%	0/0%	1/0%	1/0%	0/0%	0/0%	0/0%	0/0%	1/0%	0 / 0%
2004	1/0%	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0 / 0%	0/0%
2005	1/0%	2/0%	2/0%	0/0%	0/0%	3 / 33%	0/0%	0/0%	0/0%	0/0%	2/0%	14 / 0%
2006	0/0%	2/0%	0/0%	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
2007	3/0%	5/0%	4/0%	2/0%	17 / 0%	2/0%	0/0%	0/0%	0/0%	0/0%	1/0%	4/0%
2008	0/0%	1/0%	4/0%	2/0%	4/0%	1/0%	0/0%	0/0%	0/0%	0/0%	1/0%	1/0%
2009	1/0%	7 / 0%	3/0%	0/0%	3/0%	1/0%	2/0%	2/0%	0/0%	2/0%	0/0%	1/0%
2010	0/0%	3/0%	0/0%	0/0%	1/0%	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
2011	3/0%	7 / 0%	2/0%	1/0%	5 / 20%	2/0%	0/0%	0/0%	1/0%	2/0%	2/0%	2/0%
2012	1/0%	3/0%	0/0%	0/0%	0/0%	3/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
2013	3/0%	9/0%	5/0%	3/0%	5/0%	5/0%	1/0%	1/0%	0/0%	2/0%	4 / 0%	0/0%
2014	0/0%	1/0%	0/0%	0/0%	3/0%	1/0%	0/0%	0/0%	1/0%	0/0%	1/0%	0/0%
2015	2/0%	10 / 0%	7/0%	0/0%	30 / 0%	2/0%	2/0%	8/0%	1/0%	3/0%	2/0%	14 / 0%
2016	1/0%	1/0%	2/0%	1/0%	7 / 0%	1/0%	0/0%	0/0%	0/0%	0/0%	1/0%	1/0%
2017	4/0%	6/0%	7 / 14%	2/0%	25 / 0%	3/0%	1/0%	1/0%	0/0%	1/0%	2/0%	0/0%
2018	0/0%	2/0%	1/0%	0/0%	4/0%	0/0%	0/0%	0/0%	0 / 0%	0/0%	0/0%	0/0%
2019	4 / 0%	2/0%	13 / 0%	2/0%	9/0%	3/0%	1/0%	0/0%	3/0%	0/0%	2/0%	0/0%
2020	0/0%	2/0%	1/0%	0/0%	0/0%	0/0%	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%
2021	1/0%	0/0%	5/0%	0 / 0%	10 / 0%	3/0%	6/17%	21 / 5%	2/0%	8 / 12%	1/0%	1/0%
2022	0/0%	0/0%	0/0%	0/0%	1/0%	0/0%	0/0%	0/0%	0 / 0%	0/0%	0/0%	0/0%
2023	0/0%	0 / 0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
2024	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	30 / 0%	74 / 0%	64 / 3%	13 / 0%	126 / 1%	34 / 3%	13 / 8%	34 / 3%	8/0%	18 / 6%	21 / 0%	43 / 0%

		Att	tachment 1	.5 - (3-4) In	itial Test V	olume and	l Failure Ra	ite by Mod	lel Year an	d Test Stat	ion	
Model Year	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station	Station
Wiodel Teal	096149	092199	115387P	092304	096599	096127P	096120P	092197	036006	096625P	096053P	096261
1996	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
1997	0/0%	0/0%	0/0%	0/0%	3 / 33%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
1998	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
1999	0/0%	2/0%	1/0%	1/0%	7 / 14%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
2000	0/0%	0/0%	0/0%	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
2001	0/0%	1/0%	0/0%	1/0%	11/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
2002	0/0%	0/0%	0/0%	1/0%	3/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
2003	0/0%	0/0%	0/0%	0/0%	22 / 14%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
2004	0/0%	1/0%	0/0%	2/0%	3 / 67%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	1/0%
2005	0/0%	1/0%	0/0%	0/0%	9/11%	0/0%	0/0%	0/0%	1/0%	0/0%	0/0%	0/0%
2006	0/0%	0/0%	0/0%	0/0%	5/0%	0/0%	0/0%	0/0%	1/0%	0/0%	0/0%	0/0%
2007	0/0%	1/0%	0/0%	1/0%	21/0%	1/0%	0/0%	1/0%	1/0%	0/0%	0/0%	0/0%
2008	0/0%	0/0%	0/0%	0/0%	5/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
2009	1/0%	0/0%	0/0%	1/0%	19 / 0%	0/0%	0/0%	2/0%	0/0%	0/0%	0/0%	0/0%
2010	0/0%	2/0%	0/0%	0/0%	2/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
2011	0/0%	0/0%	1/0%	3/0%	32 / 0%	0/0%	2/0%	2/0%	0/0%	0/0%	1/0%	0/0%
2012	0/0%	1/0%	0/0%	0/0%	0/0%	0/0%	1/0%	1/0%	0/0%	0/0%	0/0%	1/0%
2013	0/0%	4/0%	1/0%	4 / 25%	26 / 4%	2/0%	2/0%	0/0%	1/0%	0/0%	1/0%	0/0%
2014	1/0%	1/0%	0/0%	1/0%	5/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
2015	1/0%	4/0%	0/0%	2/0%	33 / 0%	15 / 0%	10 / 0%	1/0%	1/0%	5/0%	0/0%	0/0%
2016	0/0%	1/0%	0/0%	1/0%	2/0%	0/0%	2/0%	0/0%	0/0%	0/0%	0/0%	0/0%
2017	1/0%	3/0%	2/0%	1/0%	18 / 0%	17 / 0%	22 / 5%	0/0%	0/0%	2/0%	5/0%	0/0%
2018	0/0%	0/0%	0/0%	0/0%	4/0%	2/0%	6/0%	1/0%	0/0%	2/0%	0/0%	0/0%
2019	0 / 0%	0/0%	0/0%	0/0%	9/0%	7 / 0%	25 / 0%	3/0%	1/0%	6/0%	1/0%	0/0%
2020	0 / 0%	0/0%	0/0%	0/0%	1/0%	2/0%	9/0%	0/0%	0/0%	1/0%	0/0%	0/0%
2021	0 / 0%	1/0%	0/0%	2/0%	1/0%	33 / 3%	21 / 5%	1/0%	0/0%	8/0%	1/0%	1/0%
2022	0 / 0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	1/0%
2023	0 / 0%	0/0%	0/0%	0/0%	0/0%	1/0%	7/0%	0/0%	0/0%	0/0%	0/0%	0/0%
2024	0 / 0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%	0/0%
Total	4/0%	23 / 0%	5/0%	21 / 5%	242 / 4%	80 / 1%	107 / 2%	12 / 0%	6/0%	24 / 0%	9/0%	4/0%

1996 0/0% 0/0% 0/0% 0/0% 0/0% 1997 0/0% 0/0% 0/0% 0/0% 1999 0/0% 0/0% 0/0% 0/0% 1999 0/0% 0/0% 0/0% 0/0% 1999 0/0% 0/0% 0/0% 0/0% 1999 0/0% 0/0% 0/0% 0/0% 1999 0/0% 0/0% 0/0% 0/0% 1999 0/0% 0/0% 0/0% 0/0% 1999 0/0% 0/0% 0/0% 0/0% 1999 0/0% 0/0% 0/0% 0/0% 1999 0/0% 0/0% 0/0% 0/0% 1999 0/0% 0/0% 0/0% 0/0% 1999 0/0% 0/0% 0/0% 1999 0/0% 0/0% 0/0% 0/0% 1999 0/0% 0/0% 0/0% 0/0% 1999 0/0% 0/0% 0/0% 0/0% 1999 0/0% 0/0% 0/0% 1999 0/0% 0/0% 0/0% 1999 0/0% 0/0% 1999 0/0% 0/0% 1999 0/0% 0/0% 1999 0/0% 0/0% 1999 0/0% 0/0% 1999 0/0% 1999 0/0% 0/0% 1999 0/0% 1999 0/0% 0/0% 1999 0/0% 1999 0/0% 0/0% 1999 0/0% 0/0% 1999 0/0% 0/0% 1999 0/0% 0/0% 1999 0/0% 0/0% 1999 0/0% 0/0% 1999 0/0% 0/0% 1999 0/0% 0/0% 1999 0/0% 0/0% 1999 0/0% 0/0% 1999 0/0% 0/0% 1999 0/0% 0/0% 1999 0/0% 0/0% 1999 0/0% 0/0% 0/0% 1999 0/0% 0/0% 0/0% 1999 0/0% 0/0% 0/0% 1999 0/0% 0/0% 0/0% 1999 0/0% 0/0% 0/0% 1999 0/0% 0/0% 0/0% 0/0% 1999 0/0%			Att	tachment 1	L5 - (3-4) In	itial Test V	olume and	l Failure Ra	ate by Mod	lel Year an	d Test Stat	ion	
1996 0 / 0% 0 /	Model Year				Station	Station	Station	Station	Station	Station	Station	Station	Station
1997													
1998	1996	0/0%	0/0%	0/0%	0/0%								
1999 0/0% 0/0% 0/0% 0/0% 0/0% 0/0% 0/0% 0	1997	0/0%	0/0%	0/0%	0/0%								
2000 0/0% 0/0% 0/0% 0/0% 2001 0/0% 0/0% 1/0% 0/0% 2002 0/0% 0/0% 0/0% 0/0% 2003 0/0% 0/0% 0/0% 0/0% 2004 0/0% 0/0% 0/0% 0/0% 2005 0/0% 0/0% 0/0% 0/0% 2006 0/0% 1/0% 0/0% 0/0% 2007 1/0% 1/0% 0/0% 0/0% 2008 0/0% 1/0% 0/0% 0/0% 2010 1/0% 2/0% 0/0% 0/0% 2010 0/0% 1/0% 0/0% 0/0% 2011 0/0% 1/0% 0/0% 0/0% 2012 0/0% 1/0% 0/0% 0/0% 2013 0/0% 1/0% 0/0% 0/0% 2014 0/0% 1/0% 0/0% 0/0% 2015 0/0% 0/0% 0/0% 0/0% 2018 0/0% 0/0% 0/0% 0/0%	1998	0/0%	0/0%	0/0%	0/0%								
2001 0/0% 0/0% 0/0% 0/0% 2002 0/0% 0/0% 0/0% 0/0% 2003 0/0% 0/0% 0/0% 0/0% 2004 0/0% 0/0% 0/0% 0/0% 2005 0/0% 0/0% 0/0% 0/0% 2006 0/0% 1/0% 0/0% 0/0% 2007 1/0% 1/0% 0/0% 0/0% 2008 0/0% 1/0% 0/0% 0/0% 2009 1/100% 2/0% 0/0% 0/0% 2010 0/0% 2/0% 0/0% 0/0% 2011 0/0% 4/0% 1/0% 0/0% 2012 0/0% 1/0% 0/0% 0/0% 2013 0/0% 1/0% 0/0% 0/0% 2014 0/0% 1/0% 0/0% 0/0% 2015 0/0% 0/0% 0/0% 0/0% 2018 0/0% 0/0% 0/0% 0/0% 2019 0/0% 0/0% 0/0% 0/0%	1999	0/0%	0/0%	0/0%	0/0%								
2002 0 / 0% 0 / 0% 0 / 0% 0 / 0% 2003 0 / 0% 0 / 0% 0 / 0% 0 / 0% 2004 0 / 0% 0 / 0% 0 / 0% 0 / 0% 2005 0 / 0% 0 / 0% 0 / 0% 0 / 0% 2006 0 / 0% 1 / 0% 0 / 0% 0 / 0% 2007 1 / 0% 0 / 0% 0 / 0% 0 / 0% 2008 0 / 0% 1 / 0% 0 / 0% 0 / 0% 2009 1 / 100% 2 / 0% 0 / 0% 0 / 0% 2010 0 / 0% 2 / 0% 0 / 0% 0 / 0% 2011 0 / 0% 4 / 0% 1 / 0% 0 / 0% 2012 0 / 0% 1 / 0% 0 / 0% 0 / 0% 2013 0 / 0% 1 / 0% 0 / 0% 0 / 0% 2014 0 / 0% 1 / 0% 0 / 0% 0 / 0% 2015 0 / 0% 1 / 0% 0 / 0% 0 / 0% 2016 0 / 0% 0 / 0% 0 / 0% 0 / 0% <td>2000</td> <td>0/0%</td> <td>0/0%</td> <td>0/0%</td> <td>0/0%</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	2000	0/0%	0/0%	0/0%	0/0%								
2003 0 / 0% 0 / 0% 0 / 0% 0 / 0% 2004 0 / 0% 0 / 0% 0 / 0% 0 / 0% 2005 0 / 0% 0 / 0% 0 / 0% 0 / 0% 2006 0 / 0% 1 / 0% 0 / 0% 0 / 0% 2007 1 / 0% 0 / 0% 0 / 0% 0 / 0% 2008 0 / 0% 1 / 0% 0 / 0% 0 / 0% 2009 1 / 10% 0 / 0% 0 / 0% 0 / 0% 2010 0 / 0% 2 / 0% 0 / 0% 0 / 0% 2011 0 / 0% 4 / 0% 1 / 0% 0 / 0% 2012 0 / 0% 1 / 0% 0 / 0% 0 / 0% 2013 0 / 0% 1 / 0% 0 / 0% 0 / 0% 2014 0 / 0% 1 / 0% 0 / 0% 0 / 0% 2015 0 / 0% 1 / 0% 0 / 0% 0 / 0% 2016 0 / 0% 0 / 0% 0 / 0% 0 / 0% 2018 0 / 0% 0 / 0% 0 / 0% 0 / 0% <td>2001</td> <td>0/0%</td> <td>0/0%</td> <td>1/0%</td> <td>0/0%</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	2001	0/0%	0/0%	1/0%	0/0%								
2004 0/0% 0/0% 0/0% 0/0% 2005 0/0% 0/0% 0/0% 0/0% 2006 0/0% 1/0% 0/0% 0/0% 2007 1/0% 1/0% 0/0% 0/0% 2008 0/0% 1/0% 0/0% 0/0% 2009 1/100% 2/0% 0/0% 0/0% 2010 0/0% 2/0% 0/0% 0/0% 2011 0/0% 4/0% 1/0% 0/0% 2012 0/0% 1/0% 0/0% 0/0% 2013 0/0% 1/0% 0/0% 0/0% 2014 0/0% 1/0% 0/0% 0/0% 2015 0/0% 1/0% 0/0% 0/0% 2016 0/0% 0/0% 0/0% 0/0% 2017 0/0% 0/0% 0/0% 0/0% 2018 0/0% 0/0% 0/0% 0/0% 2019 0/0% 0/0% 0/0% <t< td=""><td>2002</td><td>0/0%</td><td>0/0%</td><td>0/0%</td><td>0/0%</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	2002	0/0%	0/0%	0/0%	0/0%								
2005 0/0% 0/0% 0/0% 0/0% 2006 0/0% 1/0% 0/0% 0/0% 2007 1/0% 1/0% 0/0% 0/0% 2008 0/0% 1/0% 0/0% 0/0% 2009 1/100% 2/0% 0/0% 0/0% 2010 0/0% 2/0% 0/0% 0/0% 2011 0/0% 4/0% 1/0% 0/0% 2012 0/0% 1/0% 0/0% 0/0% 2013 0/0% 1/0% 0/0% 0/0% 2014 0/0% 1/0% 0/0% 0/0% 2015 0/0% 1/0% 0/0% 0/0% 2016 0/0% 0/0% 0/0% 0/0% 2017 0/0% 0/0% 0/0% 0/0% 2018 0/0% 0/0% 0/0% 0/0% 2019 0/0% 0/0% 0/0% 0/0% 2021 1/0% 0/0% 0/0% <t< td=""><td>2003</td><td>0/0%</td><td>0/0%</td><td>0 / 0%</td><td>0/0%</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	2003	0/0%	0/0%	0 / 0%	0/0%								
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